3637

Form 1090. **B** M S ation.

3637

LOUTHWAITE GREEN

1931 - 36

780703

*** **The following register of mor &c., is NOT required if daily values are given on the othe** s section and also the space for

ng to this register should be sent:—

Wall

~~Dune~~ Cockermouth

RAINFALL IN 19

At Louthwaite G

In the County of Cumb

in Summer

Distance Direction from gauge

Distance Direction from gauge

Rain Gauge
Diameter of Funnel
Height of Top above Ground ft. in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·00				
FEB.	8·85				
MAR.	1-70				
APRIL	2·70				
MAY	3·70				
JUNE	9·80				
JULY	7·15				
AUG.	7-30				
SEPT.	2·00				
OCT.	5-00				
NOV.	14·25				
DEC.	6·70				
Total	74·65				

Signature Richd W Hall

M

*See Instruction 2 (*f*) below.

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3637

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Lowthwaite Green

In the County of Cumberland

Rain Gauge
- Diameter of Funnel.......................in.
- *Height of Top above Ground*..........*ft*..........*in.*
- *Height of Ground above Sea Level*..........*ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·00				
FEB.	8·85				
MAR.	1·20				
APRIL	2·70				
MAY	3·70				
JUNE	9·80				
JULY	7·15				
AUG.	7·30				
SEPT.	2·00				
OCT.	5·00				
NOV.	14·25				
DEC.	6·70				
Total	74·65				

Signature Richd W Hall

M

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Richd. W. Hall
7 Castlegate Drive Cockermouth

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................Distance.................Direction from gauge.................

Nearest Parish Church at.................Distance.................Direction from gauge.................

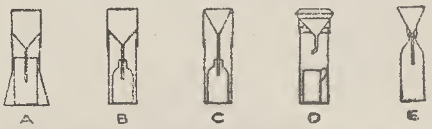
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.................Distance.................Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

1932

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FORM 1090.

B Monthly Summary.

3637

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Cauthwaite Green

In the County of Cumberland

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground..........ft..........in.*
- *Height of Ground above Sea Level..........ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	13·00				
FEB.	·07				
MAR.	1·55				
APRIL	6·30				
MAY	4·75				
JUNE	·80				
JULY	9·75				
AUG.	6·30				
SEPT.	6·52				
OCT.	11·00				
NOV.	7·00	—	7·00		
DEC.	12·60				
Total	79·04				

Signature Richd W Hall

M

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

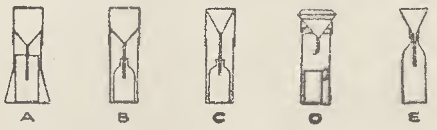
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
3 JAN 1933

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110

3637

FORM 1090/1

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Lanthwaite Green

In the County of

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground ...... ft ...... in.

Height of Ground above Sea Level ...... ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	12·00				
FEB.	9·55				
MAR.	5·41				
APRIL	3·42				
MAY	2·75				
JUNE	3·00				
JULY	4·00				
AUG.	4·10				
SEPT.	·80				
OCT.	5·50				
NOV.	2·00				
DEC.	·85				
Total	52·88				

Signature Richd W Hall

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ...... in Summer ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

The average is 72·90

this year is remarkably dry

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

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M.O. 7
2 JAN 1934

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3637

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

6

RAINFALL IN 1938.

At Slanthwaite Green

In the County of Cumberland

Rain Gauge
- Diameter of Funnel..................in.
- *Height of Top above Ground..........ft..........in.*
- *Height of Ground above Sea Level..........ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	12·00				
FEB.	9·55				
MAR.	5·41				
APRIL	3·42				
MAY	2·25				
JUNE	3·00				
JULY	4·00				
AUG.	4·10				
SEPT.	·80				
OCT.	5·50				
NOV.	2·00				
DEC.	·85				
Total	52·88 ✓				

Signature R. Hall

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

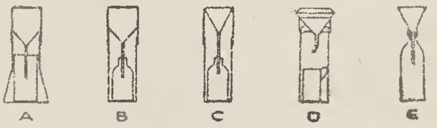
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Duplicate

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3637

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Lanthwaite Green

In the County of Cumberland

Rain Gauge { Diameter of Funnel .... in.

Height of Top above Ground .... *ft* .... *in.*

Height of Ground above Sea Level .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11·80				
FEB.	·85				
MAR.	3·70				
APRIL	7·50				
MAY	4·00				
JUNE	3·10				
JULY	3·00	as overleaf			
AUG.	12·50				
SEPT. }	19·40	only			
OCT. }		monthly			
NOV.	3·10	falls			
DEC.	8·70	kept			
Total	77·15				

Signature Richd W Hall

M

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest **Railway** Station Cockermouth Distance 7 Direction from gauge ....

Nearest Parish Church at Loweswater Distance 7 Direction from gauge ....

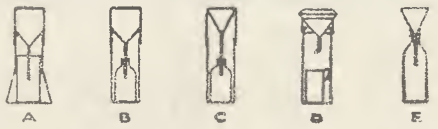
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(586) Wt.283/202 16,000 5/34. Gp.119/110.

At Slanthwaite Green

In the County of Cumberland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground .... ft. .... in.*
- *Height of Ground above Sea Level .... ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
Jan.	11.80				
Feb.	·85				
Mar.					
April					
May	4.00				
June	3.10				
July	3.00				
Aug.	12.00				
Sept.					
Oct.					
Nov.	3.10				
Dec.	8.70				
Total					

Signature R. W. Hall

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

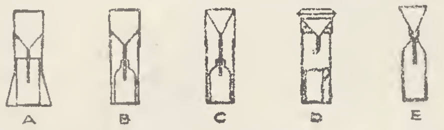
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

3637

FORM 1090. **B** Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1935

At Lanthwaite Green

In the County of Cumberland

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground*......*ft*......*in*.
- *Height of Ground above Sea Level*......*ft*.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·92				
FEB.	9·20				
MAR.	1·40				
APRIL	3·95				
MAY	·96				
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
Total					

Signature Norman Edmondson

*See Instruction 2 (*f*) below.

C **Particulars of Station.**

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

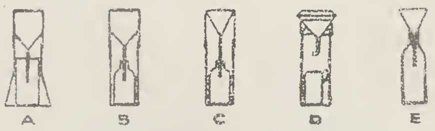
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3637

FORM 1090.

B Monthly Summary.

*The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Crummock Water Lanthwaite Green

In the County of Cumberland

Rain Gauge
Diameter of Funnel..............in.
Height of Top above Ground........ft.............in.
Height of Ground above Sea Level...............ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11.84				
FEB.	4.15				
MAR.	3.25				
APRIL	1.65				
MAY	1.72				
JUNE	5.93				
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature W. Edmondson

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.............. Direction from gauge..............

Nearest Parish Church at.................. Distance.............. Direction from gauge..............

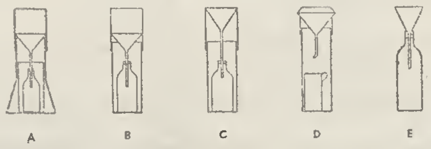
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

inp 1935

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3638

DALE HEAD HALL

NEW GAUGE

1931-40

780703

3638

FORM 1090. **B** ation.

⁎ The following register of mo
&c., is NOT required if dail
values are given on the othe

RAINFALL IN 19

At Dale Head H

In the County of Cumb

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* - *in.*
Height of Ground above Sea Level 620 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7.2				
FEB.	6.6				
MAR.	2.0				
APRIL	3.1				
MAY	5.7				
JUNE	8.3				
JULY	9.7				
AUG.	5.1				
SEPT.	3.7				
OCT.	6.1				
NOV.	19.6				
DEC.	8.2				
Total	86.10				

Signature..................

*See Instruction 2 (*f*) below.

is section and also the space for
ng to this register should be sent:—

....

....

..................in Summer..................

Distance.................. Direction from gauge ....

Nearest Parish Church at.................. Distance.................. Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~footnote~~

turfwall set up round gauge Dec 1931

~~[illegible] 25.9.31~~.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3638

FORM 1090. **B** Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Dale Head Hall (new g)

In the County of Cumberland.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* – *in.*
- *Height of Ground above Sea Level* 620 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·2				
FEB.	6.6				
MAR.	2.0				
APRIL	3.9				
MAY	5.7				
JUNE	8.3				
JULY	9.7				
AUG.	5.1				
SEPT.	3.7				
OCT.	6.1				
NOV.	19.6				
DEC.	8.2				
Total	86.10				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~footnote~~

turf wall set up round gauge Dec 1931

~~[illegible] 25.9.31~~.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

3638

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Thirlmere

RAINFALL IN 1932

At Dale Head Hall

In the County of Cumberland

Rain Gauge
Diameter of Funnel................in.
Height of Top above Ground..........*ft*............*in.*
Height of Ground above Sea Level 620 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	18·30				
FEB.	·22				
MAR.	6·50				
APRIL	9·00				
MAY	5·28				
JUNE	4·49				
JULY	8·21				
AUG.	1·63				
SEPT.	8·30				
OCT.	13·54				
NOV.	6·67				
DEC.	17·15				
Total	99·29				

Signature................ Manchester Corp'n, W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

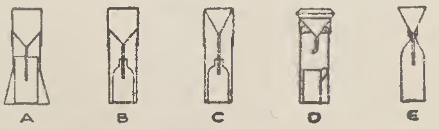
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3638

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Thirlmere, Dale Head Hall

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 620 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	11.64				
FEB.	9.06				
MAR.	7.24				
APRIL	2.77				
MAY	4.66				
JUNE	2.71				
JULY	7.42				
AUG.	5.23				
SEPT.	2.46				
OCT.	6.91				
NOV.	4.07				
DEC.	1.28				
Total	65.45				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

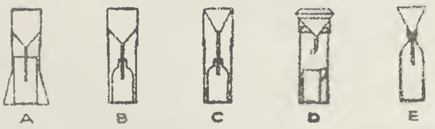
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

FORM 1090.

3638

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

Thirlmere
At Dale Head Hall
In the County of Cumberland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 620 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	16·92				
FEB.	·60				
MAR.	6·48				
APRIL	6·74				
MAY	7·33				
JUNE	3·45				
JULY	2·20				
AUG.	9·17				
SEPT.	12·35				
OCT.	14·64				
NOV.	2·46				
DEC.	16·43				
Total	99·~~42~~ 37				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

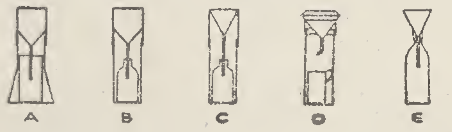
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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FORM 1090.

3638

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Dale Head Hall

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 620 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.47			15	12
FEB.	16.54			26	23
MAR.	2.41			17	12
APRIL	6.22			20	17
MAY	1.14			6	3
JUNE	7.96			26	25
JULY	3.23			15	10
AUG.	3.72			17	11
SEPT.	14.81			24	22
OCT.	14.78			31	27
NOV.	9.18			28	23
DEC.	6.33			21	19
TOTAL	90.79			246	204

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

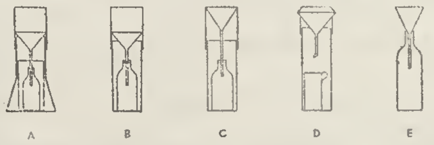
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3638

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Thirlmere (Dale Head Hall) new gauge

in the County of Cumberland

Diameter of Funnel of Gauge 6 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 620 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·64	·11	·13	·02	—	·01	·46	·50	·22	—	·19	·26		1
2	·02	·10	·02	·01	—	·04	·23	·28	·28	—	·12	·12		2
3	·02	·03	—	—	—	1·19	·02	·14	·50	—	·03	·45		3
4	1·12	·02	·31	—	—	·03	·06	·05	·85	—	·44	1·04		4
5	1·03	·14	·20	—	—	·01	·01	·32	·40	·01	·80	·52		5
6	·65	—	·12	—	·03	·05	·85	·35	1·05	—	·88	·24		6
7	—	—	·54	—	·01	—	—	—	1·10	·01	1·84	·25		7
8	·93	—	·38	—	—	—	—	·02	·02	—	·40	·06		8
9	3·44	—	·15	—	—	·04	·12	·03	·13	·06	·46	·03		9
10	1·22	—	—	—	—	—	·05	·03	·04	·02	·66	—		10
11	·03	—	—	·02	—	·13	·22	·09	·65	—	1·43	·43		11
12	—	—	—	·10	—	·03	·16	·01	1·31	·01	·60	·21		12
13	—	—	—	·24	·11	—	·10	·13	·06	·23	·15	3·00		13
14	—	—	·03	·21	—	·68	·26	·39	1·44	·13	1·09	·93		14
15	—	—	—	·04	·14	·31	·14	·06	·02	·04	·80	1·19		15
16	—	·06	·04	·04	·11	·44	·03	·03	—	·16	·41	·03		16
17	·04	1·14	·04	·04	·06	·15	·42	·39	—	·90	·30	2·30		17
18	—	1·14	·01	·09	·01	·05	·54	·46	—	·83	·02	·12		18
19	·15	·13	·02	·02	—	·02	·56	·22	·01	·32	—	·34		19
20	·65	·46	·22	—	—	·05	·14	·01	—	·25	·01	·89		20
21	·20	·48	·21	—	—	·33	·01	—	—	·09	·02	·38		21
22	·42	·42	·06	—	·02	·89	·15	—	—	·13	—	·06		22
23	·96	·18	·20	·28	·01	·02	1·51	·01	—	·23	—	·02		23
24	·68	·02	—	·41	·90	—	1·53	—	·91	2·62	·05	·05		24
25	·65	—	—	·14	·02	—	·44	—	·40	·50	—	·03		25
26	·67	·19	·30	·10	—	—	·02	—	·25	·42	—	—		26
27	·83	·11	·04	·01	—	—	·01	—	·02	·45	·01	·04		27
28	·33	·53	·42	·03	·04	—	·09	—	—	·02	·05	·02		28
29	·03	·13	1·40	·01	·18	·50	·01	—	—	·29	·22	·10		29
30	·21	✕	·30	—	·10	·25	·43	·02	—	·21	·04	1·89		30
31	·09	✕	·25	✕	·09	✕	·04	·04	✕	·01	✕	1·11		31
TOTAL	15·01	5·69	5·45	2·14	1·86	5·55	9·00	3·58	9·99	8·24	11·98	16·50	Year's Total 95·05	
* Days with .01 in. or more.	24	18	23	18	15	21	29	22	20	24	25	29	268	
* Days with .04 in. or more.	20	15	19	11	9	16	22	14	16	18	20	24	204	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Manchester Corpn W.W. [P.T.O.

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Section **A** for the entry of Daily Observations.

Station No. 3638

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Thirlmere (Dale Head Hall) new gauge

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 620 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

Met. Mag. Table

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·08	·03	·34	—	—	·02	·43	—	·86	·23	·02	·52		1
2	·50	1·45	·39	·35	—	·06	·24	—	·16	·03	·02	·28		2
3	·54	1·03	·21	·06	—	·44	·26	—	·02	=	—	·02		3
4	·98	·09	·04	·30	·22	·13	·06	·02	·88	=	·02	·82		4
5	1·26	·03	·04	·10	·08	·41	·39	—	2·31	=	—	·19		5
6	·08	·02	·03	·25	·05	·16	·04	·02	·45	·02	—	·13		6
7	·11	·86	·02	·91	·02	·01	·02	—	·61	=	—	·05		7
8	·14	·34	·02	·35	—	·16	·24	·03	·08	=	—	·01		8
9	·34	·42	—	·41	·03	·16	·55	·15	·03	=	—	—		9
10	·04	·15	—	·03	·08	·04	·03	·01	—	=	—	·04		10
11	·20	—	·09	·01	·01	·03	·02	—	—	=	—	·19		11
12	2·11	·35	·91	·03	·02	·06	·05	·39	·16	=	—	·08		12
13	·04	·14	—	·03	—	·83	·01	·25	·03	·04	—	·41		13
14	·04	·10	·02	—	—	·01	·26	·49	·30	·04	—	·46		14
15	·59	1·15	·04	·43	—	—	·05	—	·58	·02	—	·10		15
16	·50	·60	1·52	·22	—	—	—	·46	·04	=	—	1·09		16
17	1·06	·04	·24	·20	—	·01	—	·04	·54	=	—	·06		17
18	·02	·39	·48	·03	—	·02	·03	·38	·03	=	·65			18
19	·05	·69	·25	·46	·04	·05	—	·05	—	=	·44	·08		19
20	·45	·25	·02	·25	·44	·13	·04	—	·01	=	·23	·13		20
21	1·42	·15	·03	·12	·11	·01	·69	—	·02	·38	·09	·68		21
22	·60	·08	·24	·08	1·22	·12	·19	—	—	·47	·12	·83		22
23	·48	·04	·10	·02	·14	·02	·38	—	·01	1·65	·04	·35		23
24	1·42	·22	·22	—	·09	·01	·03	·03	·22	·37	·03	·55		24
25	·16	1·64	·04	—	·04	—	—	·06	·03	·76	·01	·06		25
26	—	·64	·04	—	·44	—	—	—	—	·29	—	·01		26
27	·01	·25	·01	·19	·02	·02	·10	—	·10	1·24	—	·03		27
28	·02	·10	—	—	—	·29	·01	—	·02	·09	·02	·02		28
29	·01		—	—	—	·04	—	—	—	·19	·21	·02		29
30	·52	✕	—	—	—	·06	—	·24	·29	·42	·69	·02		30
31	·45	✕	—	✕	08	✕	—	·93	✕	·20	✕	—		31
													Year's Total	
TOTAL	15·51	11·04	5·40	5·13	3·19	3·63	4·12	3·85	4·48	6·44	2·92	4·23	46·24	
* Days with .01 in. or more.	30	24	24	22	18	26	23	16	24	17	14	28	269	
* Days with .04 in. or more.	26	24	14	16	13	16	16	11	15	14	8	21	194	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Manchester Corpn. W.W.

[P.T.O.

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Section **A** for the entry of Daily Observations

Station No. 3638

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM [illegible]090

REGISTER OF RAINFALL IN 1938

Kept at Thirlmere, Dale Head Hall
in the County of Cumberland
Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground.........ft..........in.
,, Ground ,, Sea Level ....ft.

T. L.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

met. mag.

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Jan. 1, following

Please read the Notes and Instructions Overleaf

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·34	·05	·05	—	1·62	·03	·02	·10	—	·23	·40		1
2	—	·10	—	·44	—	1·20	·04	—	·21	1·90	·18	·35		2
3	—	·22	—	·01	—	·13	·35	—	·40	3·40	·84	—		3
4	·02	·31	—	·13	—	·15	·14	—	·03	·42	·06	1·53		4
5	·10	·06	—	·04	—	·65	·24	—	·12	·43	·05	·13		5
6	·83	·12	—	·08	—	1·31	·03	·04	·33	2·53	·24	·21		6
7	·19	—	—	—	—	·02	·88	·19	·05	·63	·29	·20		7
8	·30	·29	·01	—	—	·04	·24	·40	—	2·20	·59	·16		8
9	·24	·64	·21	—	·04	·46	·06	·03	—	·21	·01	1·46		9
10	·01	·05	·09	—	—	·10	·42	—	—	·20	·01	·33		10
11	·35	·08	·01	—	·41	·03	·38	·01	·05	·45	·50	·34		11
12	1·01	—	—	—	·64	·01	·03	—	·02	1·38	3·85	·22		12
13	·06	·01	—	·01	·56	—	·58	—	·29	·60	·91	·43		13
14	2·50	·01	·03	—	·42	—	·03	—	—	·13	·02	·04		14
15	1·21	—	1·38	—	·28	—	·02	·45	—	·38	—	·40		15
16	1·23	—	·34	—	·42	—	—	1·40	·80	1·09	·16	·01		16
17	·01	—	·40	—	·38	—	·06	·41	1·41	·93	·12	—		17
18	·60	—	·68	—	·01	·10	·01	·92	·05	·53	1·22	—		18
19	·11	—	1·05	—	—	·03	—	·44	·04	·01	·34	—		19
20	1·32	—	1·35	—	—	—	·01	·28	·16	·01	·05	—		20
21	·01	—	·05	—	·04	·21	—	·29	·36	·03	·35	—		21
22	·14	—	·01	·02	·05	·04	—	·02	·02	—	1·03	·05		22
23	·32	—	·02	—	·59	·38	—	·12	·14	—	·93	·01		23
24	·65	·05	·45	—	·02	·44	—	·09	·41	·33	·60	—		24
25	·18	·92	·13	—	·25	·04	1·68	·01	—	·14	·21	·09		25
26	·29	1·14	·16	—	·94	1·13	·10	—	—	·50	·15	·08		26
27	·44	·33	·02	—	·32	1·14	·48	·20	—	·04	1·15	·02		27
28	·43	·56	·15	—	·40	2·69	·32	·01	·09	·03	·30	·19		28
29	·14		·12	—	·46	·62	2·96	—	·05	·21	·92	·61		29
30	·24	✕	·02	—	·01	·04	1·42	—	·16	·03	1·04	·10		30
31	·96	✕	·04	✕	·44	✕	·11	—	✕	1·31	✕	·68		31
													Year's Total	
TOTAL	14·31	5·26	6·83	1·14	6·80	12·64	11·31	5·39	5·59	20·98	16·41	8·64	115·33	
* Days with .01 in. or more.	28	14	23	8	20	24	25	19	22	28	29	24	264	
* Days with .04 in. or more.	24	15	16	5	14	20	18	13	19	23	26	21	214	

† Spare column, no entries required.

(Signed) A. Hallam

[P.T.O.

* See Instruction 3 (f) on other side.

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Section **A** for the entry of Daily Observations

Station No. 3638

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 3090

REGISTER OF RAINFALL IN 1939.

Kept at Thirlmere, Dale Head Hall

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VAL[illegible] MONTHLY

J.L.

Met Mag.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·52	—	1·92	·03	—	—	·09	·24	·10	·09	=	1·55		1
2	·03	—	·96	·09	—	—	·52	·82	·38	·01	·10	·18		2
3	—	—	·16	·13	—	—	·11	·18	·42	·01	·15	·68		3
4	—	—	1·12	—	·05	—	·34	·02	·08	·01	·08	·09		4
5	—	·36	·16	—	·44	—	·94	=	—	·40	1·19	·02		5
6	·60	1·13	·04	—	·02	—	·84	=	=	·04	·64	=		6
7	1·34	1·05	·39	—	·03	—	·22	—	·02	=	·40	·26		7
8	2·42	2·03	·41	·36	·01	—	·16	·16	·04	·03	1·46	·26		8
9	·40	·48	·01	·02	—	—	·11	·89	·05	·48	·10	·88		9
10	·01	·20	·02	—	—	·42	·02	·55	1·00	1·09	·16	·54		10
11	·35	·85	·63	—	·03	·24	=	·12	·04	·60	·14	·02		11
12	·14	·14	·02	·20	—	·02	·05	·02	·13	·02	·05	=		12
13	·30	—	·05	·41	·28	·04	·83	·02	·04	·04	1·12	=		13
14	2·10	·02	·02	·53	·46	·59	·22	—	=	·21	1·09	=		14
15	1·18	·12	·08	·80	·10	1·02	·40	—	=	·02	·29	=		15
16	1·44	·19	·02	·09	·03	·01	·39	=	=	=	·14	=		16
17	·56	·50	·02	·05	—	·65	·04	=	=	=	·03	=		17
18	·21	·22	·10	—	—	·10	·28	—	=	=	·60	=		18
19	·24	·02	·02	—	—	·02	·29	=	=	=	·03	·02		19
20	·13	·13	·03	—	·02	·14	·02	—	=	=	=	=		20
21	·19	2·51	·44	·24	·04	·02	·01	·44	·02	=	·03	=		21
22	·55	·41	·29	·02	—	—	·03	=	—	·09	1·20	=		22
23	·29	·46	·06	·33	—	·06	·28	—	—	·16	·04	=		23
24	·01	·48	·01	·31	—	—	·01	·01	—	·01	·03	·05		24
25	·35	·14	—	·18	—	—	=	=	=	=	2·04	·01		25
26	·02	·20	·02	·02	·08	—	=	·40	—	·54	·01	=		26
27	—	·80	·06	—	·01	·95	·23	·04	=	·15	·29	=		27
28	—	·26	·14	·14	—	1·38	2·04	·02	=	·01	·49	·06		28
29	—		·14	—	—	·28	·60	=	=	·62	·64	=		29
30	—	✕	—	·01	—	·20	·43	=	=	·04	1·62	·03		30
31	—	✕	—	✕	—	✕	·80	=	✕	·09	✕	=		31
TOTAL	14·04	13·06	4·34	3·96	1·63	6·20	10·42	3·99	2·62	5·45	14·82	4·65	Year's Total 88·24	✓
* Days with .01 in. or more.	23	23	28	19	14	14	28	15	12	23	28	15	245	✓
* Days with .04 in. or more.	19	21	18	14	4	13	23	10	10	15	23	10	183	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3638 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Thirlmere, Dale Head Hall

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

Met. Mag.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	=	=	=	·60	·02	=	·07	=	·02	=	·32	·47		1
2	=	=	=	·32	=	=	·17	=	—	=	1·69	·27		2
3	=	·55	=	·07	=	=	·36	=	—	·01	·02	·33		3
4	=	·19	=	·14	=	=	·36	·01	·03	·27	=	·47		4
5	=	·02	=	·02	·33	=	·12	·02	=	1·81	·22	1·33		5
6	·02	·13	=	·19	·03	=	·15	—	·01	·62	·33	·46		6
7	·13	·05	=	·65	·08	=	·12	·15	·20	·07	·02	=		7
8	=	=	·08	·02	=	=	·03	·26	·15	1·86	·72	·34		8
9	=	=	·14	=	—	=	1·04	·91	·20	1·70	·80	·37		9
10	=	=	·19	=	—	=	1·32	·50	·01	·29	·75	·25		10
11	=	·01	1·44	·11	—	=	1·39	·01	·01	·02	1·45	·02		11
12	=	=	·81	·01	=	·03	·05	·05	·82	=	·34	=		12
13	=	·01	·09	·02	·01	=	·05	·05	·35	—	·60	·27		13
14	=	=	·24	·37	·01	=	·11	·10	·05	·01	·09	1·29		14
15	·02	—	·11	·10	·22	=	·02	·02	=	·21	·65	·93		15
16	·04	—	·15	·04	—	=	·40	=	2·54	·37	·03	·56		16
17	=	=	·24	—	=	=	1·43	·05	·88	·16	·32	·12		17
18	·06	·03	·98	·21	=	=	·64	·39	·65	·01	·10	·79		18
19	·04	·13	·76	·40	—	=	·40	·01	·32	=	1·27	·02		19
20	=	·05	·87	·68	=	—	·08	·46	·27	·29	·55	=		20
21	=	·01	·15	·14	=	·35	=	·09	·04	·09	·11	=		21
22	=	·42	·48	·02	·03	·20	·02	·05	·39	·02	·02	—		22
23	·02	·30	·26	·30	·10	·03	·18	=	·12	·01	·36	=		23
24	·22	·04	·17	·03	·01	·01	·27	=	·02	·03	·05	·04		24
25	·20	·03	·02	=	·60	·12	·04	·03	=	—	·04	·02		25
26	·10	·57	·05	—	·05	·03	·01	·28	·02	=	·75	=		26
27	+	·37	=	·02	·05	=	·10	·01	·02	=	·12	=		27
28	+	·47	·03	=	·46	=	·02	·28	=	=	·02	·30		28
29	—	=	·58	·04	·05	·14	·15	=	=	·11	·01	·55		29
30	=	▨	·27	·02	·01	·02	·01	—	=	·70	=	·43		30
31	·78	▨	1·45	▨	·01	▨	=	·04	▨	·87	▨	·03		31
													Year's Total	
TOTAL	1·63	3·38	9·53	4·52	2·07	·93	9·11	3·77	7·12	9·53	11·75	9·66	73·00	✓
* Days with .01 in. or more.	~~11~~ 12	18	23	24	17	9	29	22	22	22	28	23	248	✓
* Days with .04 in. or more.	~~8~~ 9	12	21	16	9	4	23	15	14	15	22	19	178	✓

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

GRANGE-IN- BORRO 39

FORM 1090. **B** Mo Su Station. 3638/2

3638/2 —

GRANGE-IN-BORROWDALE

1938-40

780703

*** The following register of mont &c., is NOT required if daily values are given on the othe is section and also the space for ing to this register should be sent:—

RAINFALL IN 193

At Grange-in-Borrow in Borrowdale, Keswick

In the County of Cumbe 4 pm ....in Summer 5 pm

Distance 5 miles Direction from gauge N.

Diameter of Funnel 5 Distance 800 yds Direction from gauge SE

Rain Gauge Height of Top above Ground 1 ft — in.

Height of Ground above Sea Level 300 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·96	3.2	15th	23	23
FEB.	5·80	1·2	26th	12	12
MAR.	7·52	1·92	16th	11	11
APRIL	1·20	1·16	2nd	2	2
MAY	6·64	1·44	12th	15	15
JUNE	12·00	2·28	27th	18	18
JULY	15·96	8.20	30th	17?	17?
AUG.	5·36	1·00	8th	10	10
SEPT.	5·76	?	?	15	15
OCT.	? (24·28) ~~23·28~~	4.36	4th	25	25
NOV.	17·00	2.76	13th	25	25
DEC.	8·44	1·76	5th	19	19
TOTAL	124·92 ~~123·92~~ ✓	PRINT CB 25/4/39	~~197~~		192

Oct. adjusted by nearby stns. ER 25/4

Gauge blown over in the gale & certainly an inch of rain lost.

Signature J. E. Bowes

J.E. BOWES ESQ.

* See Instruction 3 (*f*) below.

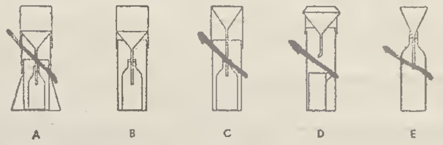
Nature of objects nearest to gauge	Gate Crag + Maiden Moor			
Height of objects	about 1800 ft	do.		
Distances ...	½ mile	½ mile		
Directions from gauge ...	SW	W		

If gauge has been moved during the year state—

Date of move ✓ Distance ✓ Direction ✓

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

(a) Gauge emptied 5 pm. Friday July 29th 1938.
— — — — 10 am. Saturday — — 30th — —
& again — — 5 pm — — — — — —
Total for 24 hours 8.20 inches.
(b) 1·20 inches fell on the Friday before 5 pm
(c) Measurements made as in (a)

M.O. 7

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9999

GRANGE-IN- BORRO

FORM 1090. **B** Mo Summary. Station. 3638/2

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Grange-in-Borrowdale

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 300 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·96	3.2	15th	23	23
FEB.	5.80	1.2	26th	12	12
MAR.	7.52	1.92	16th	11	11
APRIL	1.20	1.16	2nd	2	2
MAY	6.64	1.44	12th	15	15
JUNE	12.00	2.28	27th	18	18
JULY	15.96	8.20	30th	17?	17?
AUG.	5.36	1.00	8th	10	10
SEPT.	5.76	?	?	15	15
OCT.	? ~~23.28~~ (24.28)	4.36	4th	25	25
NOV.	17.00	2.76	13th	25	25
DEC.	8.44	1.76	5th	19	19
TOTAL	124.92 ~~123.92~~	PRINT CB 25/4/39	.. ~~177~~		192

Oct adjusted by nearby stns. CR 29/4

Gauge blown over in gale + certainly an inch of rain lost.

Signature J.E. Bowes.

J.E. BOWES ESQ.

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J.E. Bowes
"Bield" Grange-in-Borrowdale, Keswick

Hour of observation by the clock—in Winter 4 pm in Summer 5 pm

Nearest Railway Station Keswick Distance 5 miles Direction from gauge N.

Nearest Parish Church at Grange Distance 500 yds Direction from gauge SE

Nature of objects nearest to gauge	Gate Crag + Maiden Moor			
Height of objects	about 1800 ft	do.		
Distances ...	½ mile	½ mile		
Directions from gauge ...	SW	W		

If gauge has been moved during the year state—

Date of move ✓ Distance ✓ Direction ✓

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

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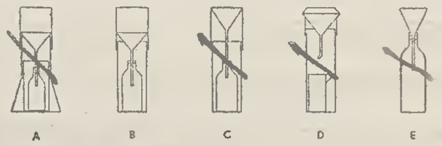

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+ again — — 5 pm — — — — —
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M.O. 7

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(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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S.O. Code No. 40-9999

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3638/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at "Bield" Grange-in-Borrowdale, Cumberland

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in. ✓	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.68	—	2.61	0.07	—	—	0.33	0.20	—	0.01	—	2.21		1
2	—	—	1.09	0.04	—	—	0.38	0.73	0.41	—	0.04	0.27		2
3	—	—	0.23	0.02	—	—	0.06	0.08	0.75	—	0.22	0.97		3
4	—	0.03	0.79	—	0.06	—	0.35	—	TR	0.03	0.01	0.03		4
5	—	1.54	0.10	—	0.20	—	0.93	—	—	0.61	0.97	[illegible]		5
6	0.42	1.37	0.08	—	0.05	—	0.65	—	—	—	0.45	—		6
7	1.41	0.94	0.45	—	0.01	—	0.41	—	0.02	—	0.52	0.16		7
8	2.69	3.03	0.42	0.61	—	—	0.18	0.14	0.07	0.12	1.17	0.32		8
9	0.64	0.52	—	—	—	—	0.12	0.77	0.26	0.76	0.01	1.18		9
10	0.15	0.08	0.01	—	—	0.40	—	0.26	1.08	1.21	0.21	0.45		10
11	0.03	0.45	0.57	—	0.02	0.38	—	0.06	0.01	0.17	0.15	—		11
12	0.24	0.19	—	0.39	—	Tr.	0.29	0.04	0.08	—	0.02	—		12
13	0.20	—	0.01	0.64	0.19	0.04	0.66	—	0.06	0.01	1.72	—		13
14	2.69	—	0.10	0.18	0.42	1.18	0.13	—	—	0.02	1.42	—		14
15	1.29	0.05	0.04	0.96	0.04	0.82	0.26	—	—	—	0.44	—		15
16	2.02	0.17	—	0.12	—	—	0.27	—	—	—	0.04	—		16
17	0.52	0.55	Tr	0.05	—	0.73	0.01	—	—	—	0.02	—		17
18	0.11	0.23	0.12	—	—	0.06	0.26	—	—	—	0.56	—		18
19	0.14	—	—	—	—	—	0.18	1.08	—	—	TR	—		19
20	0.08	0.19	0.03	—	—	0.12	0.17	—	—	—	—	—		20
21	0.15	1.40	0.45	0.30	0.09	—	—	0.32	—	—	0.01	—		21
22	0.34	0.46	0.29	0.10	—	—	0.02	—	—	0.12	1.93	—		22
23	0.19	0.51	0.07	0.33	—	—	0.24	—	—	0.13	0.04	—		23
24	0.05	0.87	0.01	0.16	—	0.02	—	—	—	—	0.07	0.02		24
25	0.16	0.12	—	0.21	—	—	—	—	TR	—	2.63	—		25
26	—	0.11	—	0.01	0.02	—	—	0.21	—	0.17	0.05	—		26
27	0.03	0.88	0.02	—	—	0.90	0.42	0.03	—	0.05	0.23	0.07		27
28	—	0.12	0.04	0.12	—	1.56	3.17	—	—	—	0.77	—		28
29	—	×	0.10	0.01	—	0.45	0.44	—	—	0.30	0.71	—		29
30	—	×	—	—	—	0.04	0.75	—	—	—	1.61	0.03		30
31	—	×	—	×	—	×	0.61	TR.	×	0.02	×	—		31
TOTAL	14.23	13.81	7.63	4.33	1.10	6.70	11.29	3.92	2.74	3.73	16.02	5.66	Year's Total 91.16	✓
* Days with .01 in. or more.	22	22	22	18	10	13	25	12	9	15	27	11	206	✓
* Days with .04 in. or more.	20	21	17	15	7	12	23	11	7	10	22	8	173	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. E. Bowes

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3638/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

Kept at GRANGE-IN-BORROWDALE

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 300 ft.

Totals

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	–	–	–	·55	–	–	·05	–	–	–	·26	·46		1
2	–	–	–	·16	–	–	·20	–	–	–	2·22	·27		2
3	–	·46	–	·05	–	–	·24	–	–	–	–	·20		3
4	–	·15	–	·12	·11	–	·31	–	·02	·22	–	·59		4
5	–	–	–	–	–	–	·07	–	–	3·16	·18	1·70		5
6	·01	·07	–	·31	–	–	·14	–	·01	·61	·14	·35		6
7	·09	·02	–	·60	–	–	·07	·12	·18	·22	·02	–		7
8	–	–	·08	Tr	–	–	·19	·20	·03	2·83	·92	·33		8
9	–	–	·26	–	–	–	1·43	1·04	·27	2·45	·51	·37		9
10	–	–	·09	–	–	–	·98	·44	·01	·18	·86	·28		10
11	–	–	1·77	·12	–	–	·97	–	·05	–	1·59	–		11
12	–	–	·87	–	–	·01	·01	·02	·91	–	·62	–		12
13	–	Tr	·04	–	–	–	·05	·04	·41	–	·61	·37		13
14	–	–	·26	·57	–	–	·13	·08	·04	–	·07	1·21		14
15	Tr	–	·03	·09	·50	–	–	–	–	·25	·38	·91		15
16	·02	·01	·09	·11	–	–	·40	–	2·54	·19	·07	·72		16
17	–	–	·20	–	–	–	1·16	·13	1·25	·04	·13	·23		17
18	·64	·03	1·12	·15	–	–	·28	·28	·90	–	1·85	·99		18
19	·44	·11	·96	·28	–	–	·39	·02	·76	–	–	–		19
20	–	·02	·52	·20	–	–	·04	·61	·09	·26	·25	–		20
21	–	–	·21	·12	–	·60	–	·01	·05	–	·04	–		21
22	–	·37	·28	–	Tr	·22	–	·04	·42	–	–	–		22
23	·15	·28	·24	·21	·07	·01	·15	–	·12	–	·46	–		23
24	·86	·03	·03	·01	–	·02	·13	·03	–	–	·03	·06		24
25	·01	–	–	–	·63	·10	·01	·03	–	–	·03	–		25
26	·29	·72	·07	–	·03	·01	–	·28	·02	–	·61	–		26
27	·49	·44	–	·01	·06	–	·03	–	–	–	·13	–		27
28	·32	·12	·03	–	·12	–	–	·23	–	–	–	·36		28
29	–	Tr.	·44	·02	–	·22	·13	–	–	·07	·01	·44		29
30	–	✕	·40	·01	–	·01	–	–	–	·83	–	·35		30
31	–	✕	1·81	✕	·01	✕	–	·03	✕	·68	✕	·05		31
TOTAL	3·32	2·83	9·80	3·69	1·53	1·20	7·56	3·63	8·08	11·99	11·99	10·24	Year's Total 75·86	
* Days with .01 in. or more.	11	14	22	19	8	9	24	18	19	14	24	20	202	
* Days with .04 in. or more.	8	9	19	15	6	4	21	12	14	14	20	20	162	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. E. Bowes

P.T.O.

3638/5

CUMBERLAND.

LOWESWATER.

1931 – 40

780703

3638/5

Section **A** for the entry of Daily

COPY FOR OFFICIAL USE.

AIR MINISTRY.—ME

H RAINFALL ORGANIZATION.

FORM 1090.

REGISTER N 1931.

Cumberland 5/2

Kept at Loweswater ately taken at

in the County of Cumberl or 1931 —

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground 1

,, Ground ,, Sea Level 353 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·40

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1											.18	—	1
2											.08	.02	2
3											3.06	1.80	3
4										.41	1.55	.45	4
5										.26	.05	.41	5
6										.21	—	.61	6
7										.85	.56	.02	7
8										.11	.05	.35	8
9										1.14	.26	.04	9
10										.05	.30	.09	10
11										.01	.58	.02	11
12										.14	.27	—	12
13										.13	.05	—	13
14										—	.62	.23	14
15										—	.23	.14	15
16										—	—	—	16
17										—	—	—	17
18										—	.75	—	18
19										.02	.06	—	19
20										—	.03	.02	20
21										—	.36	—	21
22										—	—	—	22
23										—	.83	.82	23
24										—	.55	1.19	24
25										—	.49	.14	25
26										—	.47	.07	26
27										.06	.45	—	27
28										.14	—	.22	28
29										.41	.03	.08	29
30		×								.21	—	—	30
31		×		×		×			×	.10	×	—	31
TOTAL										~~4.25~~	11.86	6.72	YEAR'S TOTAL
*Days with ·01 in. or more.										~~16~~	24	19	
*Days with ·04 in. or more.										~~14~~	22	15	

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*See Instruction 2 (*f*) on other side.

N

(Signed) S. Helen Firth —

[P.T.O.

36335

Section **A** for the entry of Daily

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Cumberland 5/2

Kept at Loweswater

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ... in.

,, Ground ,, Sea Level 353 ft.

unfortunately taken at 6 pm for 1931 —

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Jan. 1, following: ·40

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1											.18	—	1
2											.08	.02	2
3											3.06	1.80	3
4										.41	1.55	.45	4
5										.26	.05	.41	5
6										.21	—	.61	6
7										.85	.56	.02	7
8										.11	.05	.35	8
9										1.14	.26	.04	9
10										.05	.30	.09	10
11										.01	.58	.02	11
12										.14	.27	—	12
13										.13	.05	—	13
14										—	.62	.23	14
15										—	.23	.14	15
16										—	—	—	16
17										—	—	—	17
18										—	.75	—	18
19										.02	.06	—	19
20										—	.03	.02	20
21										—	.36	—	21
22										—	—	—	22
23										—	.83	.82	23
24										—	.55	1.19	24
25										—	.49	.14	25
26										—	.47	.07	26
27										.06	.45	—	27
28										.14	—	.22	28
29										.41	.03	.08	29
30		×								.21	—	—	30
31		×		×		×			×	.10	×	—	31
TOTAL										~~4.25~~	11.86	6.72	YEAR'S TOTAL
*Days with ·01 in. or more.										~~16~~	24	19	
*Days with ·04 in. or more.										~~14~~	22	15	

40-9999

N

(Signed) S. Helen Firth — [P.T.O.

*See Instruction 2 (*f*) on other side.

X COCKERMOUTH (LOWESWATER) X 165514/32

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3638/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at LOWESWATER

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ..... in.

,, Ground ,, Sea Level 353 ft.

C imp 1931

OK print

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.50	.02	—	.41	—	—	.04	TR	2.01	.19	.28	1.11	1
2	1.41	TR	—	.05	.11	.02	.49	.04	.70	.01	.33	.24	2
3	.88	—	—	—	—	—	.37	.02	.22	—	.23	.53	3
4	.02	—	.06	—	—	—	.49	.01	.03	.07	—	.04	4
5	1.18	—	.26	.23	.02	—	.01	.03	.39	.01	—	—	5
6	.37	—	.26	.43	.03	—	TR	—	.05	.72	—	—	6
7	.04	—	.57	.20	.01	.01	—	—	.11	.70	—	—	7
8	.03	—	—	.37	.03	—	—	—	.58	.59	TR	—	8
9	2.17	.02	—	.53	TR	—	TR	—	.37	.32	—	—	9
10	.30	.02	.01	.22	.05	—	—	—	1.20	.13	—	—	10
11	.07	.01	TR	.01	.42	.03	.24	TR	.03	TR	—	—	11
12	.73	TR	.01	—	1.18	—	.89	.15	TR	.77	—	—	12
13	.05	.02	—	.48	.23	—	.01	—	.63	.63	—	.11	13
14	.69	—	—	.04	—	—	—	—	.01	—	TR	.60	14
15	.62	—	—	.02	.38	—	—	—	—	.25	.02	.28	15
16	1.18	—	—	—	—	—	—	.04	—	.21	—	3.72	16
17	.08	—	—	—	—	—	.01	.05	.01	.84	—	2.39	17
18	.16	—	—	—	.38	—	—	.02	.08	TR	TR	1.10	18
19	.03	—	.02	.27	.11	—	.17	—	—	.18	—	.30	19
20	.15	—	.05	.37	—	—	—	1.55	—	.38	.18	.04	20
21	.30	—	.50	.05	—	—	.11	.08	—	.73	.37	.34	21
22	.02	TR	.26	.37	—	—	.05	—	—	.30	1.13	.49	22
23	—	.02	.01	.05	—	—	.06	—	—	.07	.63	.30	23
24	.28	—	—	TR	.09	.03	.07	—	.42	.02	.22	.08	24
25	—	—	—	.17	.17	.06	.30	—	.40	.88	.33	—	25
26	—	—	—	—	.03	.05	1.04	.07	.24	.26	.07	.06	26
27	—	—	.68	.05	—	.72	.98	—	—	.02	—	.23	27
28	—	TR	.09	.05	.29	—	.06	.02	—	.01	.03	.12	28
29	.03	—	1.43	.43	.01	.28	.58	.29	.02	.83	.61	.37	29
30	—	×	.31	.07	—	1.21	.54	.19	.20	.41	.34	.02	30
31	.02	×	.01	×	—	×	—	.35	×	.06	×	.67	31
													YEAR'S TOTAL
TOTAL	11.31	.11	4.53	4.87	3.54	2.41	6.51	2.91	7.70	9.59	4.77	13.14	71.39
*Days with .01 in. or more.	25	6	16	22	17	9	20	15	20	27	14	22	213
*Days with .04 in. or more.	19	—	12	20	11	5	17	10	15	22	12	21	164

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*See Instruction 2 (*f*) on other side.

(*Signed*) S. HELEN FRITH. P.T.O.

X MISS S.H. FRITH. X

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3638/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at LOWESWATER

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ... in.

,, Ground ,, Sea Level 353 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in	in.	in.	in.		
1	·37	·32	·09	—	—	·34	—	·06	TR	—	·35	—		1
2	1·76	—	·03	·15	—	·48	—	TR	TR	—	—	—		2
3	·20	1·03	·18	·12	·25	—	—	—	—	—	TR	—		3
4	1·35	1·22	·31	—	·21	—	—	—	—	—	·09	—		4
5	·19	·13	·81	—	·18	—	—	—	—	—	—	—		5
6	·02	·18	·06	TR	·33	—	—	—	—	—	·02	—		6
7	·15	·22	·03	—	·07	—	·74	·09	—	·34	—	—		7
8	·27	·08	1·06	·74	·11	—	·13	·04	—	·15	·03	—		8
9	—	·90	·08	—	·08	—	·90	—	—	1·25	·17	TR		9
10	·48	·01	—	—	—	·19	·30	—	—	·32	·06	·02		10
11	·05	—	—	·25	—	—	·22	—	—	·73	—	·18		11
12	·15	·03	—	—	—	—	·18	—	—	·08	·09	·01		12
13	—	—	·10	—	·16	—	·27	·41	TR	·17	·47	—		13
14	·92	—	·11	—	TR	—	·03	·06	—	·02	·51	—		14
15	·08	—	·42	·02	·04	·10	·06	·32	—	·60	·06	TR		15
16	·01	TR	·52	·05	·24	·53	—	·20	—	·21	—	·04		16
17	·02	—	·25	—	—	·71	TR	·22	·25	·03	·21	—		17
18	—	TR	·17	—	—	·36	TR	·26	—	—	·03	·07		18
19	—	TR	·08	·04	—	·12	·03	—	·12	—	·13	—		19
20	—	·19	—	·02	·24	·03	—	·36	TR	TR	—	·02		20
21	—	—	—	—	—	—	—	·30	—	·02	—	—		21
22	—	—	—	—	·47	—	—	TR	—	·03	—	—		22
23	—	TR	—	·21	—	—	—	·01	—	—	—	—		23
24	—	·70	—	·30	·49	·02	·27	·08	·18	·03	TR	·04		24
25	—	·60	—	TR	·06	—	·08	·07	·34	—	—	·05		25
26	—	·94	—	·34	—	—	—	—	·04	·25	—	—		26
27	—	·06	—	·10	TR	—	·47	·06	—	·02	·02	·02		27
28	—	·03	—	—	—	—	·05	1·12	—	·29	—	·03		28
29	—	×	·09	·02	·02	—	·17	—	—	·09	—	·12		29
30	·02	×	TR	—	—	—	1·28	—	—	·12	—	·16		30
31	2·49	×	·16	×	—	×	—	·69	×	·06	×	·10		31
TOTAL	8·63	6.64	4·55	2·36	2·95	2·88	5·18	4·35	·93	4·81	2·24	·86	Year's Total 46·38	
*Days with ·01 in. or more.	17	16	18	13	15	10	16	17	5	20	14	13	174	
*Days with .04 in. or more.	14	13	16	10	14	8	14	16	5	14	10	8	142	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) (Miss) S. Helen Frith

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3638/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Loweswater

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 353 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·58	—	·50	—	·02	—	—	·10	·01	—	—	·22		1
2	—	·01	·21	—	—	—	—	·93	·29	—	·21	·65		2
3	1·37	—	TR	—	—	—	—	·02	·08	·40	·41	·18		3
4	·79	—	·18	·03	·25	—	—	·04	·06	·49	·02	·61		4
5	·01	·03	·06	—	·42	—	—	·05	—	·08	TR	·29		5
6	·88	·06	·10	·02	·99	·01	—	·02	·18	·59	—	·09		6
7	1·04	·06	·07	·39	·04	·02	—	—	·02	·15	·05	·46		7
8	—	·03	·02	—	·17	·02	—	·15	·19	·35	—	·70		8
9	·75	·02	·04	·24	—	—	—	·09	·06	·41	·32	·27		9
10	·70	—	·07	·06	—	—	—	1·14	·39	·17	·05	·03		10
11	·80	—	·10	·44	—	—	—	·43	·04	·13	·05	·22		11
12	·07	—	·14	·89	TR	—	TR	·03	—	·10	—	·24		12
13	·22	—	TR	·28	·19	—	·27	—	—	·18	—	·11		13
14	·89	—	·31	·06	·07	·09	—	—	—	·43	·02	·25		14
15	·25	—	·07	·18	1·32	TR	·14	·29	·29	·06	—	·10		15
16	·99	—	·51	—	·23	—	·02	—	·03	·04	·03	·25		16
17	·19	—	·21	·38	·36	—	·07	—	·48	·04	TR	·70		17
18	·68	—	·21	·37	·30	·92	—	·28	·08	·02	—	·96		18
19	—	·03	·04	·04	·80	·51	·02	·18	·62	·74	·19	·04		19
20	·06	—	·01	·74	·62	·03	TR	·71	·04	·49	·05	·02		20
21	·03	·02	·11	—	·11	·32	·11	·94	·19	·73	·02	—		21
22	·05	—	·06	·09	—	·56	—	·12	·60	·21	·08	—		22
23	·02	·34	·06	·52	—	—	·03	·16	TR	·65	·20	·01		23
24	—	—	—	·08	·21	TR	·07	—	·15	·61	·03	—		24
25	·25	TR	·19	·05	—	—	·23	—	·60	1·03	·09	·45		25
26	·08	—	·11	·06	—	·47	·17	—	·81	·65	·02	·25		26
27	—	—	—	·09	—	·23	·26	·11	·08	·27	·02	·42		27
28	—	—	—	TR	—	·06	·06	1·56	·17	·18	—	·62		28
29	TR	×	—	—	—	—	·26	·36	·15	·16	—	·22		29
30	·61	×	TR	—	—	—	·02	·26	1·95	·72	—	·37		30
31	·02	×	—	×	—	×	·02	·11	×	—	×	·23		31
TOTAL	11·33	·60	3·38	5·01	6·10	3·24	1·75	8·08	7·56	10·08	1·86	8·96	Year's Total. 67·95	✓
* Days with .01 in. or more.	24	9	23	20	16	12	15	23	25	28	18	28	241	
* Days with .04 in. or more.	20	3	21	18	15	8	10	20	22	27	11	25	200	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) S. Helen Firth

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3638/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at LOWESWATER

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" Ground " Sea Level 353 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·80	·48	—	·08	—	TR	·06	—	1·20	·06	·12	·32		1
2	·05	·09	—	—	—	·11	·02	—	1·—	·33	·46	·04		2
3	·09	·36	·07	·02	—	·06	·33	—	·29	TR	·48	·14		3
4	—	·11	·08	TR	—	·17	·20	—	·10	·26	—	·33		4
5	—	·43	·10	—	—	·07	·02	—	·02	·05	·26	·16		5
6	·04	—	—	—	—	·49	—	—	—	·06	·16	·03		6
7	—	—	—	·09	—	·24	—	—	—	1·26	—	·35		7
8	—	·01	—	·14	—	·59	—	·01	—	·19	TR	·11		8
9	·08	·01	—	1·23	—	—	·02	—	—	1·09	·12	—		9
10	·40	·50	—	·06	—	·23	·02	—	TR	·18	·02	—		10
11	·77	·18	—	·02	—	·35	—	·20	—	·30	·34	—		11
12	—	·46	—	—	—	·11	—	—	·26	·09	·06	—		12
13	·15	·03	—	·06	·43	·06	·06	—	·20	·49	·21	—		13
14	—	·20	—	·05	·01	·14	·01	·08	·10	TR	·22	·10		14
15	—	1·09	—	·28	·20	—	—	—	·41	·50	·30	·27		15
16	·02	·88	·08	1·82	·35	·05	·24	·14	·52	·03	·11	—		16
17	—	·03	—	·37	—	·15	·03	·22	·34	·34	·54	—		17
18	—	·56	·01	—	TR	—	·03	·02	1·04	·61	TR	—		18
19	—	1·52	—	·08	—	·15	·97	·02	·04	·23	·06	—		19
20	TR	·96	—	·44	—	·06	—	—	—	—	·09	—		20
21	—	·01	·26	·07	—	—	TR	—	·48	·25	·02	·03		21
22	·01	·15	·34	·04	—	—	—	—	·03	—	·03	—		22
23	·06	·18	·14	·06	—	·02	·02	·04	·05	·15	—	—		23
24	·53	·76	·08	—	—	—	—	—	·49	·05	·01	·17		24
25	·35	—	·07	—	—	·13	—	·15	—	·05	·56	·04		25
26	—	·12	—	—	—	·14	·23	1·86	·09	·54	TR	·26		26
27	—	·16	—	—	—	·08	·47	·04	·18	·57	·93	·08		27
28	·05	·07	—	—	—	—	TR	·06	·42	·73	·28	TR		28
29	—	×	·16	—	—	·11	—	·90	1·01	·41	·18	·21		29
30	—	×	TR	—	—	·34	—	·45	1·—	·54	·76	·03		30
31	·28	×	·01	×	—	×	—	·06	×	·17	×	·26		31
													Year's Total	
TOTAL	3·68	9·35	1·40	4·91	·99	3·85	2·73	4·25	9·27	9·53	6·32	2·93	59·21	
* Days with .01 in. or more.	15	25	12	17	4	22	16	15	22	27	24	18	217	
* Days with .04 in. or more.	13	20	10	15	3	21	8	12	20	26	20	15	183	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) S. Helen Frith

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3638/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at OAK BANK LOWESWATER

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 353 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·43	·15	—	—	—	—	1·—	·71	·16	—	·53	·26		1
2	·02	·03	—	—	—	TR	·02	·06	·27	—	·21	·10		2
3	—	—	—	—	—	·32	—	·06	·32	—	·05	·26		3
4	·62	·03	·46	—	—	·01	·10	·03	1·11	—	·67	·72		4
5	·66	—	·10	—	—	·03	—	·41	·49	—	·22	·54		5
6	·14	—	·08	TR	·04	·02	·56	·28	·87	—	·50	·34		6
7	—	—	·25	—	—	—	·02	—	·46	—	·84	—		7
8	·26	—	·21	—	—	·07	—	·06	—	—	·22	—		8
9	1·32	—	·09	—	—	—	·14	·03	·18	·02	·64	—		9
10	·44	—	—	·01	—	—	·41	—	TR	—	·68	—		10
11	·01	—	—	·03	—	·08	·19	·19	·29	TR	·27	·91		11
12	—	—	—	·10	TR	—	·07	—	·26	—	·19	·05		12
13	—	—	—	·08	·15	TR	·14	·04	·24	·50	·18	2·67		13
14	—	—	—	·10	—	·87	·02	·15	·34	·06	·45	·85		14
15	·01	—	TR	TR	·23	·72	·06	·04	—	·08	·27	·88		15
16	—	TR	·12	·07	·16	·55	·03	TR	—	·26	·38	·02		16
17	·20	·38	·07	·10	·08	·11	·08	·10	—	·50	·21	·81		17
18	—	·43	—	·08	·02	—	·24	·44	—	·94	—	—		18
19	·25	·29	·02	—	—	—	·74	·02	—	·13	—	·08		19
20	·48	·27	·16	·02	—	·02	·06	—	—	·30	—	·28		20
21	·19	·27	·10	·01	—	·27	—	—	—	·10	—	·25		21
22	·15	·44	·06	—	TR	·90	·12	—	—	·18	—	—		22
23	·03	·31	·03	·05	·02	—	1·10	·03	—	·24	—	—		23
24	TR	—	—	·29	·56	—	·37	·02	1·20	1·30	—	·02		24
25	·21	·02	—	·07	—	—	·31	—	·36	·24	—	·04		25
26	·47	·15	·23	·02	—	—	·06	—	·06	·53	—	—		26
27	·47	·02	·02	—	—	—	·02	—	—	·21	—	—		27
28	·11	·34	·02	·06	·10	·09	·13	—	—	·02	·15	—		28
29	·06	·25	1·10	TR	·25	·61	·05	—	—	·59	·27	·03		29
30	·05	✕	·04	—	·05	·12	·92	·06	—	·18	·03	·77		30
31	—	✕	·06	✕	—	✕	·08	·02	✕	—	✕	·54		31
TOTAL	6·58	3·38	3·22	1·09	1·66	4·79	7·04	2·75	6·61	6·38	6·96	10·42	Year's Total 60·88	✓
* Days with .01 in. or more.	22	15	19	15	11	16	26	19	15	19	20	21	218	✓
* Days with .04 in. or more.	18	11	15	10	9	12	21	13	15	17	19	18	178	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) (Miss) S. Helen Frith [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 3638/5
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at LOWESWATER
in the County of CUMBERLAND
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. – in.
,, Ground ,, Sea Level 353 ft.

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Jan. 1, following ✓

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	TR	·23	—	—	—	·41	—	·78	·16	—	·33		1
2	·23	·90	·11	·26	—	·18	·07	—	·11	—	·01	·03		2
3	·26	·72	·03	—	—	·82	·26	—	—	—	—	·03		3
4	·72	·02	·02	·07	·15	·40	·21	—	1·37	—	—	·58		4
5	1·22	—	TR	·10	·01	·80	·21	—	·94	—	—	·06		5
6	·01	—	—	·11	·04	·38	·10	·09	·03	—	—	—		6
7	·05	·42	TR	·44	·01	—	·02	—	·18	—	—	·08		7
8	·06	·46	—	·14	—	·09	·18	·02	·16	—	—	—		8
9	·05	·27	—	·18	·02	·01	·27	·18	·12	—	—	—		9
10	TR	·09	—	·01	·08	·02	·01	—	—	—	—	·50		10
11	·11	—	·05	—	—	·02	—	—	TR	—	—	·06		11
12	1·51	·21	·41	·09	—	·06	·06	·86	·12	·02	—	·21		12
13	·08	·11	—	—	—	·02	·05	·39	—	·07	—	·19		13
14	—	·14	TR	—	—	—	·35	·23	·39	·09	—	·25		14
15	·65	·76	·09	·19	—	—	—	—	·52	—	—	—		15
16	·18	·37	·58	·48	—	—	—	·37	—	—	—	—		16
17	1 –	·08	·10	·88	—	—	—	·01	·23	—	—	—		17
18	—	·18	·14	—	—	—	·02	·41	—	—	·23	—		18
19	·06	·60	·04	·57	—	·02	—	·04	—	—	·34	—		19
20	·57	·18	—	·03	·43	·06	·29	—	·01	·02	·16	·05		20
21	·58	·18	·05	·19	·05	—	·44	—	—	·24	·02	·25		21
22	·29	—	·02	·06	·44	·05	·18	—	—	·11	TR	·55		22
23	·09	—	·04	·03	·05	—	·34	—	·53	1·19	—	·11		23
24	·55	·06	·21	—	·04	·02	·07	·05	·41	·14	·02	·21		24
25	·03	·65	·02	—	—	—	—	·02	—	·33	·03	·03		25
26	—	·37	·07	—	·19	—	—	—	·02	·54	—	—		26
27	—	·67	—	·18	—	TR	·14	—	·13	·39	—	·04		27
28	TR	TR	—	—	—	·34	—	—	—	·07	—	—		28
29	·03	×	—	—	—	·04	—	—	—	·05	·14	—		29
30	·10	×	—	—	—	·08	—	—	·44	·44	·48	—		30
31	·09	×	—	×	·04	×	—	·77	×	·06	×	·01		31
TOTAL	8·55	7·44	2·21	4·01	1·55	3·41	3·68	3·44	6·49	3·92	1·43	3·57	Year's Total 49·70	✓ ✓
* Days with .01 in. or more.	25	21	17	18	13	18	20	13	18	16	9	19	207	✓ ✓
* Days with .04 in. or more.	21	20	13	15	10	12	17	10	15	14	5	15	167	✓ ✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) (Miss) S. Helen Frith [P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·18	·10	·02	—	1·58	·03	—	·16	—	·20	·14		1
2	—	·10	—	·56	—	·65	TR	—	·46	1·65	·19	·18		2
3	—	·06	—	—	—	·10	·51	—	·33	1·66	·44	TR		3
4	·02	·03	—	·13	—	·10	·15	—	—	·36	·05	1·28		4
5	·05	·09	—	—	—	·19	·21	—	·21	·39	·02	TR		5
6	·34	—	—	·03	—	·91	·10	·07	·12	1·28	·10	·04		6
7	·20	—	—	—	—	—	·40	·38	·01	·44	·41	·11		7
8	·09	·44	—	—	—	—	·48	·25	—	·78	·58	·08		8
9	·40	·36	·07	—	·04	·39	·04	TR	—	·06	—	·73		9
10	·07	·04	·02	—	—	·10	·32	—	·03	·29	—	·16		10
11	·30	·08	—	—	·51	·03	·05	·08	·09	·59	·24	·14		11
12	·60	—	—	—	·31	—	—	—	·02	1·82	2·21	·07		12
13	·02	TR	—	—	·22	—	1·20	·02	·11	·36	·54	·16		13
14	1·19	—	—	—	·10	—	—	—	—	—	—	—		14
15	·51	—	1·28	—	·66	—	·02	·97	—	·96	—	·40		15
16	·62	TR	·03	—	·18	—	·02	·34	1·11	·60	·14	—		16
17	—	—	·08	—	·57	—	·11	·52	·72	1·13	·13	—		17
18	·34	—	·18	—	—	·19	—	·52	·01	·49	·96	—		18
19	—	—	·95	—	—	—	·05	·31	·02	—	·17	TR		19
20	·64	—	1·27	—	—	TR	·02	·10	·03	—	·07	TR		20
21	—	—	—	·04	·01	—	—	·06	·21	·15	·37	—		21
22	—	—	—	·01	·08	·02	—	—	·02	·02	·52	—		22
23	·27	—	·05	—	·57	·20	—	·03	·08	—	·69	—		23
24	·45	·08	·45	—	·09	·31	—	·02	·19	·19	·27	—		24
25	·05	·58	·07	—	·52	·04	·90	—	—	·17	·30	·09		25
26	·17	·39	·11	—	·58	1·37	·11	—	—	·56	·21	·02		26
27	·59	·14	—	—	·34	·37	·46	·25	—	·09	·86	—		27
28	·47	·15	·07	—	·26	1·55	·18	—	·02	·02	·21	·16		28
29	·06	×	·03	—	·44	·08	4·06	—	·04	·17	·60	·57		29
30	·27	×	—	—	—	·23	·77	—	·18	·18	·45	·02		30
31	·33	×	·02	×	·32	×	·03	—	×	1·09	×	·74		31
TOTAL	8·05	2·72	4·78	·79	5·80	8·41	10·22	3·92	4·17	15·50	10·93	5·19	Year's Total 80·48	✓
* Days with .01 in. or more.	24	14	16	6	18	19	23	15	22	26	26	18	227	✓
* Days with .04 in. or more.	22	13	12	3	17	17	18	12	14	24	25	16	193	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) (Miss) S. Helen Frith

[P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·20	—	1·35	·12	—	—	·32	·11	·02	·13	—	1·—		1
2	—	—	·60	·05	—	—	·38	·75	·38	—	—	·07		2
3	—	—	·22	·05	—	—	·01	·02	·79	—	·06	·59		3
4	—	·02	·65	—	TR	—	·18	—	·02	—	—	·09		4
5	—	·42	·05	—	·05	—	·40	—	—	·22	·87	—		5
6	·27	·62	·02	—	·06	—	·42	—	TR	—	·16	—		6
7	·91	·43	·25	—	·02	—	·14	—	·03	—	·18	·03		7
8	1·35	2·37	·20	·80	—	—	·18	—	·16	—	·60	·33		8
9	·56	·44	—	—	—	—	·03	·66	·29	·13	—	·48		9
10	·05	·03	·04	—	—	·21	—	·64	1·55	·88	·20	·35		10
11	·05	·37	·40	—	TR	·46	—	·14	TR	·04	·11	—		11
12	·11	·10	—	·30	—	—	·22	·04	·18	—	—	—		12
13	·20	—	·05	·44	·18	·03	·68	—	·03	—	·92	—		13
14	·83	·01	·02	·20	·27	·84	·10	—	—	·04	·70	—		14
15	·66	·05	·05	·77	TR	·62	·14	—	—	·03	·23	—		15
16	·54	·06	—	·07	·04	—	·36	—	—	—	·17	—		16
17	·33	·31	·01	—	—	·37	—	—	—	—	—	—		17
18	·08	·26	·22	—	—	·04	·11	—	—	—	·51	—		18
19	·11	—	—	—	—	—	·55	—	—	—	—	—		19
20	·02	·04	·04	—	·08	·11	·11	—	—	—	—	—		20
21	·12	1·12	·36	·12	·02	—	—	·20	—	—	—	—		21
22	·15	·58	·14	·18	—	—	·07	—	—	·10	1·—	—		22
23	·05	·67	·05	·15	—	·03	·25	—	—	·15	·03	—		23
24	—	·53	—	·11	—	·02	—	—	—	—	—	·03		24
25	·07	·02	·01	·15	—	—	—	—	·01	—	2·16	—		25
26	—	·03	·04	·05	·02	—	—	·42	—	·04	·02	—		26
27	·02	·83	·03	—	—	·60	·25	—	—	·05	·02	·09		27
28	—	·07	·17	TR	—	1·19	1·62	·03	—	—	·66	—		28
29	—	×	·08	·02	—	·54	·42	—	—	·38	·27	—		29
30	—	✕	—	—	—	·02	·21	—	—	—	·94	TR		30
31	—	✕	—	✕	—	✕	·33	—	✕	—	✕	—		31
													Year's Total	
TOTAL	6·68	9·38	5·05	3·58	·74	5·08	7·48	3·01	3·46	2·19	9·81	3·06	59·52	
* Days with .01 in. or more.	21	23	24	16	9	14	24	10	11	12	20	10	194	
* Days with .04 in. or more.	19	18	19	15	6	10	22	8	6	11	17	8	159	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) (Miss) S. Helen Frith [P.T.O.

X COCKERMOUTH (LOWESWATER) X

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Station No. 3638/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

165514/32

9 ne.

Nov. & Dec. est.

21st–31st Oct. Nov & Dec. esto. from nearby stns

Kept at Oak Bank Loweswater

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" Ground " Sea Level 353 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. ✓

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·27	–	–	·07	–	TR	–				1
2	–	–	–	·07	–	–	·49	–	–	–				2
3	–	·07	–	·02	–	–	·12	–	–	TR				3
4	–	·10	–	·08	–	–	·20	–	·09	·09				4
5	–	–	–	–	·33	–	·03	–	–	1·40				5
6	·05	·03	–	·28	–	–	·13	–	–	·61				6
7	·03	–	–	·41	·08	–	·04	·20	·29	·20				7
8	–	–	·26	–	–	–	·02	·32	–	1·26				8
9	–	–	·67	·02	–	–	·91	·59	·43	1·34				9
10	–	–	·10	–	–	–	·59	·10	–	·21				10
11	–	TR	1·69	·09	–	–	·89	–	·23	–				11
12	–	–	·98	–	–	·08	–	·03	1·–	–				12
13	–	–	·05	–	–	–	·09	·11	·37	–				13
14	–	TR	·17	·38	–	–	·17	·22	·07	–				14
15	–	–	·02	·02	·51	–	–	–	TR	·05				15
16	·05	TR	–	·05	–	–	·50	RR	1·97	·15				16
17	–	–	·15	–	–	–	1·25	·13	·25	–				17
18	·14	·07	·45	·15	–	–	·53	·44	·68	–				18
19	·20	·12	·66	·24	–	–	·05	–	·58	TR				19
20	–	–	·24	·24	–	–	TR	·54	·03	·39				20
21	–	–	·18	·06	–	·79	–	~~RR~~	·02					21
22	–	·26	·03	–	–	·10	–	·07	·73					22
23	·27	·18	·08	·13	·05	·02	·15	–	·11					23
24	·88	·05	–	–	–	TR	·09	·03	–					24
25	–	–	–	–	·35	·10	–	·05	–					25
26	·33	·42	TR	–	·02	·03	–	·34	·03					26
27	·04	·21	–	TR	·05	–	·02	–	–					27
28	–	·18	·02	–	·29	–	–	·29	–					28
29	–	–	·30	·06	–	·32	·38	–	–					29
30	–	×	·10	TR	·06	–	–	–	–	(1·20)				30
31	·11	×	1·08	×	–	×	–	·02	×		×			31 "d"
TOTAL	2·10	1·69	7·23	2·57	1·74	1·44	6·72	3·48	6·80	6·90 ~~5·70~~	(8·09)	(7·20) ~~39·47~~	Year's Total (55·87)	Print on
* Days with .01 in. or more.	19	11	19	17	9	7	21	16	16	10		~~136~~		
* Days with .04 in. or more.	9	10	16	14	8	5	18	13	13	10		~~116~~		

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) (Miss) S. Helen Frith

P.T.O.

3639

CUMBERLAND.
LINGHOLM GARDENS.
1931 – 40

78.0903

3639

Section A for the entry of Da

AIR MINISTRY.— TISH RAINFALL ORGANIZATION.

COPY FOR OFFICIAL USE.

FORM 1090.

REGISTE IN 1931.

Kept at Lingholm G

in the County of Cumber

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Level 300 ft.

Corr. for WD.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·38

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·60	·05	—	·01	T.R	—	·03	—	·17	·16	T.R	1
2	·01	T.R	·02	·04	·01	·02	·14	T.R	·34	·71	—	—	2
3	—	·07	—	·15	—	·84	·03	·01	·95	·14	2·45	2·35	3
4	—	T.R	—	T.R	—	·05	·45	—	·46	·25	5·05	·24	4
5	—	·01	—	·40	—	—	·01	—	·12	·12	·08	·15	5
6	—	·07	—	—	·23	·49	·02	—	·T.R	·06	T.R	1·03	6
7	—	·09	·02	—	·01	·34	·38	—	·23	·64	·37	—	7
8	—	·25	—	—	·02	·30	T.R	·34	—	·26	·09	·29	8
9	—	·30	—	T.R	—	—	·63	·05	—	·16	·15	·03	9
10	·24	·42	·07	·02	·10	·14	·13	·50	·04	1·08	·34	·01	10
11	·11	·38	—	—	1·58	·98	—	·04	—	—	·44	—	11
12	·88	1·40	—	·12	—	·01	·35	—	·32	·05	·48	—	12
13	·03	·06	·05	·09	—	T.R	·33	T.R	—	·09	—	—	13
14	—	T.R	·80	·03	·40	·08	—	·02	—	—	·29	·02	14
15	·06	·04	·04	—	·09	2·18	·28	·10	—	—	·44	·10	15
16	·11	·48	—	·24	—	1·06	·75	·04	—	—	—	T.R	16
17	·69	·10	—	·62	·02	·31	·14	1·10	·23	—	—	—	17
18	·02	·03	—	·17	1·23	·32	·60	·56	—	—	·22	—	18
19	·36	T.R	—	·03	T.R	·20	·14	·08	·02	—	·75	—	19
20	·06	·49	·02	—	—	T.R	·28	1·10	—	—	·02	—	20
21	—	·21	—	—	—	·04	—	·13	—	—	·24	—	21
22	·22	·16	·15	T.R	·10	·19	·01	·19	—	—	—	—	22
23	1·45	·20	·01	·18	·13	·17	·77	—	—	—	·27	·02	23
24	·65	·01	—	·47	·19	·22	—	—	—	·01	1·45	1·12	24
25	·62	·38	—	·28	·19	—	·06	—	—	—	·46	·14	25
26	·05	·44	—	·31	·01	—	T.R	—	—	—	·10	·05	26
27	—	T.R	—	·13	—	—	·01	—	—	·02	·65	·01	27
28	·52	—	—	·07	T.R	·04	1·13	—	—	·27	·18	·13	28
29	·36	—	—	·07	·31	—	·49	—	—	—	T.R	·25	29
30	·05	×	—	—	·06	—	1·05	—	—	·58	·03	—	30
31	·03	×	—	×	·18	×	·02	—	×	—	×	—	31
	·60	·05	–	·01	tr	–	·03	–	·17	·16	tr	·38	71.18
TOTAL	~~6·52~~ 7·12	~~6·24~~ 5·69	~~1·23~~ 1·18	~~3·42~~ 3·43	~~4·88~~ 4·87	7·48 ✓	~~8·20~~ 8·23	~~4·29~~ 4·26	~~2·71~~ 2·88	~~4·65~~ 4·67	~~14·71~~ 14·55	~~5·44~~ 6·32	YEAR'S TOTAL ~~70·80~~
*Days with ·01 in. or more.	~~20~~ 21	22 ✓	~~10~~ 9	~~18~~ 19	~~20~~ 19	20 ✓	~~24~~ 25	~~15~~ 14	~~9~~ 10	~~16~~ 16	~~23~~ 22	~~16~~ 17	214 ~~213~~
*Days with ·04 in. or more.	~~16~~ 17	19 ✓	~~6~~ 5	15 ✓	13 ✓	18 ✓	18 ✓	12 ✓	~~8~~ 9	14 ✓	~~21~~ 20	~~11~~ 12	172 ~~171~~

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*See Instruction 2 (*f*) on other side.

(*Signed*) James Elsow

[P.T.O.

3639

Section **A** for the entry of Da

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Linghōlm Gardens.

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 300 ft.

Corr. for W.D.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·38

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	·60	·05	—	·01	T.R	—	·03	—	·17	·16	T.R	1
2	·01	T.R	·02	·04	·01	·02	·14	T.R	·34	·71	—	—	2
3	—	·07	—	·15	—	·84	·03	·01	·95	·14	2·45	2·35	3
4	—	T.R	—	T.R	—	·05	·45	—	·46	·25	5·05	·24	4
5	—	·01	—	·40	—	—	·01	—	·12	·12	·08	·15	5
6	—	·07	—	—	·23	·49	·02	—	T.R	·06	T.R	1·03	6
7	—	·04	·02	—	·01	·34	·38	—	·23	·64	·37	—	7
8	—	·25	—	—	·02	·30	T.R	·54	—	·26	·09	·29	8
9	—	·30	—	T.R	—	—	·63	·05	—	·16	·15	·03	9
10	·24	·42	·07	·02	·10	·14	·13	·50	·04	1·08	·34	·01	10
11	·11	·38	—	—	1·58	·98	—	·04	—	—	·44	—	11
12	·88	1·40	—	·12	—	·01	·35	—	·32	·05	·48	—	12
13	·03	·06	·05	·09	—	T.R	·33	T.R	—	·09	—	—	13
14	—	T.R	·80	·03	·40	·08	—	·02	—	—	·29	·02	14
15	·06	·04	·04	—	·09	2·18	·28	·10	—	—	·44	·10	15
16	·11	·48	—	·24	—	1·06	·75	·04	—	—	—	T.R	16
17	·69	·10	—	·62	·02	·31	·14	1·10	·23	—	—	—	17
18	·02	·03	—	·17	1·23	·32	·60	·56	—	—	·22	—	18
19	·36	T.R	—	·03	T.R	·20	·14	·08	·02	—	·75	—	19
20	·06	·49	·02	—	—	T.R	·28	1·10	—	—	·02	—	20
21	—	·21	—	—	—	·04	—	·13	—	—	·24	—	21
22	·22	·16	·15	T.R	·10	·19	·01	·19	—	—	—	—	22
23	1·45	·20	·01	·18	·13	·17	·77	—	—	—	·27	·02	23
24	·65	·01	—	·47	·19	·22	—	—	—	·01	1·45	1·12	24
25	·62	·38	—	·28	·19	—	·06	—	—	—	·46	·14	25
26	·05	·49	—	·31	·01	—	T.R	—	—	—	·10	·05	26
27	—	T.R	—	·13	—	—	·01	—	—	·02	·65	·01	27
28	·52	—	—	·07	T.R	·04	1·13	—	—	·27	·18	·13	28
29	·36	—	—	·07	·31	—	·49	—	—	—	T.R	·25	29
30	·05	×	—	—	·06	—	1·05	—	—	·58	·03	—	30
31	·03	×	—	×	·18	×	·02	—	×	—	×	—	31
TOTAL	·60 ~~6·52~~ 7·12	·05 ~~6·24~~ 5·69	— ~~1·23~~ 1·18	·01 ~~3·42~~ 3·43	tr ~~4·88~~ 4·87	— 7·98 ✓	·03 ~~8·20~~ 8·23	— ~~4·29~~ 4·26	·17 ~~2·71~~ 2·88	·16 ~~4·68~~ 4·67	tr ~~14·71~~ 14·55	·38 ~~5·94~~ 6·32	71·18 YEAR'S TOTAL ~~70·80~~
*Days with ·01 in. or more.	~~20~~ 21	22 ✓	~~10~~ 9	~~18~~ 19	~~20~~ 19	20 ✓	~~24~~ 25	~~15~~ 14	~~9~~ 10	~~16~~ 16	~~23~~ 22	~~16~~ 17	214 ~~213~~
*Days with ·04 in. or more.	~~16~~ 17	19 ✓	~~6~~ 5	15 ✓	13 ✓	18 ✓	18 ✓	12 ✓	~~8~~ 9	14 ✓	~~21~~ 20	~~11~~ 12	172 ~~171~~

40-9999

(Signed) James Elsow

[P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3639

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Linghohn Gardens.

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 300 ft.

WD

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·36

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·38	·04	—	·05	·08	—	1.53	·01	·09	·24	·03	·15	1
2	1.25	—	—	·35	—	—	·08	·01	2·10	·17	·30	1.12	2
3	1·84	—	—	·01	·35	—	·44	·03	·54	·02	·31	·39	3
4	·40	·01	—	·01	—	—	·33	·02	·39	—	·40	·68	4
5	·52	—	·08	—	—	—	·72	·01	·05	·02	—	·11	5
6	1·60	—	·45	·46	·06	—	—	·02	·32	·01	—	·01	6
7	·29	—	·33	·99	·02	—	·01	—	·09	1·07	—	—	7
8	·02	—	·84	·25	·04	—	·01	—	·19	·87	—	—	8
9	T.R	—	—	·30	—	—	—	—	·60	·52	—	—	9
10	2·90	·01	—	1·10	·01	—	—	—	·26	·19	—	—	10
11	·32	—	·01	·32	—	—	—	—	1·41	·20	—	—	11
12	·05	·01	—	·06	·32	—	·27	·08	·20	T.R	—	—	12
13	1·57	—	T.R	—	·83	—	2.66	·11	T.R	·75	—	—	13
14	·12	—	—	·62	·15	—	·14	—	·93	·47	—	·08	14
15	1·08	—	—	·06	T.R	—	—	—	—	T.R	—	·63	15
16	1·65	—	—	·02	·41	—	—	—	—	·15	—	·55	16
17	1·35	—	—	—	—	—	·01	—	—	·19	—	3·62	17
18	·09	—	—	—	—	—	—	·01	—	1·03	—	1·37	18
19	·07	—	—	—	·50	—	—	—	·02	T.R	—	·73	19
20	·02	—	·02	·23	·26	—	—	T.R	—	·15	—	·30	20
21	·04	—	·02	·45	—	—	·04	·66	—	·27	·16	·11	21
22	·24	—	·40	·15	—	—	·18	·09	—	1·32	·27	·51	22
23	·02	—	·16	·26	·01	—	—	—	—	·40	1·12	·70	23
24	—	·02	—	·05	—	—	·22	—	—	·12	·66	·48	24
25	·12	—	—	T.R	·03	·03	—	—	·66	T.R	·36	·04	25
26	—	—	—	·15	·16	·02	·25	—	·40	·76	·54	—	26
27	—	—	·02	—	·04	·04	·78	·03	·31	·27	·12	—	27
28	—	—	·57	·06	—	·93	·81	—	—	—	·05	·20	28
29	—	—	·18	·10	·19	·03	·09	·01	—	·02	·03	·14	29
30	·04	X	1·26	·24	·02	·22	·91	·11	·02	·74	·63	·43	30
31	·04 —	X	·18	·08 X	·02	1·53 X	·33 ·01	·22 ·09	·24 X	·57	·15 X	·36	31 79·36
TOTAL	16·64 ~~15·98~~	·05 ~~·09~~	·05 4·57 ~~4·52~~	6·32 ~~6·29~~	3·49 ~~3·57~~	2·80 ~~1·27~~	8·29 ~~9·81~~	1·50 ~~1·42~~	8·73 ~~8·48~~	·05 10·31 ~~10·52~~	5·10 ~~4·98~~	12·56 ~~11·35~~	YEAR'S TOTAL ~~79·38~~
*Days with ·01 in. or more.	24✓	~~5~~4	~~14~~ 15	23✓	~~19~~ 18	~~6~~7	20✓	15✓	18✓	25✓	14✓	21✓	204✓
*Days with .04 in. or more.	21✓	~~1~~ 0	~~10~~ 11	20✓	~~13~~ 12	~~3~~4	~~17~~ 16	~~6~~7	16✓	~~21~~ 20	~~12~~ 13	20✓	160✓

40-9999

*See Instruction 2 (*f*) on other side,

(Signed) J Ebow

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3639

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1938.

Kept at Lingholm Gardens.

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft .. in.

,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·05

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·36	3·58	·04	·07	·09	—	—	T.R	1·53	—	·12	—		1
2	·41	·39	·15	—	—	T.R	—	·01	·01	—	·39	—		2
3	3·29	·02	·07	·06	—	·86	—	—	—	—	—	—		3
4	·19	·85	·12	·05	·23	—	—	T.R	—	—	·03	—		4
5	1·49	1·53	·45	~~·45~~	·30	—	—	—	—	—	·04	—		5
6	·21	·33	1·00	~~·00~~	·27	—	—	—	—	—	·03	—		6
7	·01	·12	·17	—	·39	—	—	—	—	—	—	·01		7
8	·35	·32	·04	—	·04	—	·83	·07	—	·54	—	—		8
9	·23	·05	·66	·61	·04	·12	·19	·06	—	·30	T.R	T.R		9
10	—	1·13	—	·01	·20	—	·92	—	—	1·50	·16	—		10
11	·41	·02	—	—	T.R	·15	·63	—	—	·26	—	·02		11
12	—	—	—	·08	·01	—	·27	—	—	1·04	—	·07		12
13	·03	·01	—	—	—	·01	·20	—	—	·08	·05	·02		13
14	—	—	·09	—	·17	—	·33	·13	·05	·29	·29	—		14
15	1·08	—	·12	—	—	—	·05	·01	—	·03	·48	—		15
16	·05	—	·55	—	·01	·05	·10	·30	—	·97	·11	T.R		16
17	·06	T.R	·45	·17	·14	·44	—	·15	—	·39	—	·01		17
18	·03	—	·30	·01	—	·88	—	·48	·34	·02	·24	—		18
19	—	—	·11	—	—	·46	—	·22	—	—	·03	·07		19
20	—	—	·09	—	—	—	—	·01	·16	—	·24	·01		20
21	—	·13	—	—	·28	·06	—	·33	·05	T.R	T.R	—		21
22	—	T.R	—	—	—	·06	—	·22	T.R	T.R	·01	—		22
23	—	—	—	—	·68	—	—	·03	—	·07	—	—		23
24	—	·02	—	·20	—	—	—	·03	—	—	—	—		24
25	—	·50	—	·32	·32	·02	·10	·04	·12	—	T.R	·02		25
26	—	·95	—	T.R	·04	—	·05	·02	·25	T.R	—	·03		26
27	—	1·32	—	·18	—	—	—	—	·13	·34	—	—		27
28	—	·18	—	·02	·15	—	·26	—	—	·05	—	·01		28
29	—	—	—	—	—	—	·09	·96	—	·25	—	·02		29
30	—	✕	·03	·12	·01	—	·13	·04	—	·08	—	·07		30
31	·11 3·58	✕ ·04	— ·07	✕ ·09	—	✕	1·20	— ·53	✕	·26 ·2	✕	·26 ·05		31
TOTAL	~~8·31~~ 11·53	~~11·45~~ 7·91	4·44 2	1·92 2	~~3·38~~ 3·29	3·11	5·35	~~3·11~~ 3·64	~~1·64~~ 1·11	~~6·47~~ 6·59	~~2·22~~ 2·10	·62 7	Year's Total ~~52·00~~ 51·69	
*Days with ·01 in. or more.	15	18	17	13	~~18~~ 17	11	15	~~18~~ 19	~~9~~ 8	~~17~~ 18	~~14~~ 13	~~13~~ 14	178	
*Days with .04 in. or more.	12	14	16	10	~~15~~ 14	9	15	~~12~~ 13	~~8~~ 7	~~15~~ 16	~~10~~ 9	~~4~~ 5	140	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) J. E. Crow

[P.T.O.

wwwg.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3639

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Lingholm Gardens

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. " in.

,, Ground ,, Sea Level 300 ft.

W.T

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·23

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·05	·37	—	—	—	—	—	·02	·02	2·32	—	—		1
2	·32	—	·45	—	—	—	—	·20	·02	—	—	·22		2
3	·01	—	·17	—	—	—	—	·75	·34	—	·28	·34		3
4	·96	—	·04	—	—	—	—	·08	·02	·29	·13	·18		4
5	·72	—	·16	·03	·10	—	—	T.R	·18	·71	T.R	·67		5
6	·11	—	·15	·30	·55	—	—	·13	—	·25	—	·24		6
7	1·40	—	·09	—	1·27	—	—	·17	·21	·52	—	·04		7
8	1·34	·16	·14	—	—	—	—	T.R	·09	·11	·01	·67		8
9	T.R	·02	T.R	—	·05	·01	—	·08	·27	·40	—	1·83		9
10	·82	·02	·05	·22	—	—	—	·15	·20	·30	·45	·77		10
11	·83	—	·14	·04	—	—	—	·96	·34	·11	·05	·07		11
12	·98	—	·10	·43	—	—	—	·34	·01	·02	·01	·29		12
13	·05	—	·08	·69	—	—	·01	·04	—	·03	·01	·17		13
14	·27	—	—	·26	·22	—	·37	T.R	—	·19	—	·10		14
15	·42	—	·57	·09	·08	·38	—	—	—	·62	—	·42		15
16	·63	—	·09	·16	·90	—	·13	·12	·03	·17	—	·10		16
17	1·40	—	·71	—	·47	—	·01	T.R	·06	·03	·02	·12		17
18	·30	—	·17	·34	·64	—	·34	—	·74	·01	—	·81		18
19	·54	T.R	·28	·15	·33	·62	—	·13	·24	T.R	—	·82		19
20	—	—	·04	·04	·70	·33	·05	·12	·49	·49	·01	·11		20
21	·03	—	—	·34	·65	·03	·02	·70	·16	·19	·02	—		21
22	·02	·01	·12	—	·11	·44	—	1·08	·14	·87	·02	—		22
23	·01	—	·02	·02	—	·37	·02	·30	·75	·12	·09	—		23
24	·04	—	·06	·35	—	—	·04	·23	—	·66	·15	·05		24
25	—	·15	—	·10	·11	—	·01	—	·19	·83	·02	—		25
26	·36	—	·12	·22	—	—	·22	—	·75	1·50	·08	·68		26
27	·26	—	·03	·18	—	·25	·14	—	1·00	1·04	·03	·48		27
28	—	—	—	·03	—	·47	·20	·17	·20	·45	—	·59		28
29	—	—	—	T.R	—	·06	·13	1·48	·16	·35	—	·48		29
30	T.R	×	—	—	—	—	·20	·28	·12	·12	—	·32		30
31	~~—~~ ·37	×	—	×	—	×	·02 ·01	·02 ·22	~~×~~ 2·32	·17	×	·72		31
TOTAL	~~11·87~~ 12·19	~~·75~~ ·36	3·78 ✓	3·99 ✓	6·18 ✓	2·96 ✓	1·98 2	7·55 ✓	~~6·73~~ 9·03	~~12·87~~ 10·55	1·38 ✓	~~11·29~~ 11·52 23	Year's Total. ~~71·25~~	71·41
* Days with .01 in. or more.	24 ✓	~~6~~ 5	22 ✓	19 ✓	14 ✓	10 ✓	16 17	22 ✓	25 ✓	2~~8~~7	16 ✓	26 7	228 ✓	
* Days with .04 in. or more.	20 ✓	~~3~~ 2	20 ✓	16 ✓	14 ✓	8 ✓	10 ✓	20 ✓	20 1	24 3	7 ✓	26 7	188 ✓	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) J Chow

[P.T.O.

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Jan. 1, following

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.77	.68	—	—	—	—	.16	—	2.05	.09	.11	.32		1
2	T.R	.14	.02	—	—	.16	.02	—	1.40	.36	.25	.06		2
3	.06	.37	.06	.12	—	.09	.26	—	.17	—	.57	.32		3
4	—	.13	.11	T.R	—	.29	.40	—	.13	.05	—	.15		4
5	—	.64	.05	—	—	.27	.03	—	.07	.04	.24	.22		5
6	.04	—	—	—	—	.65	—	—	—	.01	.20	T.R		6
7	—	—	—	.26	—	.20	—	—	—	1.01	.01	.28		7
8	—	.01	—	.34	—	.82	—	.06	—	.21	T.R	.20		8
9	.03	.02	—	1.17	—	—	—	—	—	1.08	.16	—		9
10	.42	.24	—	.23	—	.19	—	—	—	.37	.08	—		10
11	.96	.41	—	.10	—	.75	—	.16	—	.32	.48	—		11
12	—	.36	—	—	—	.04	—	—	.19	.13	.05	—		12
13	.14	.04	—	.06	.38	.07	—	—	.36	.58	.26	T.R		13
14	—	.33	—	—	—	.19	T.R	.01	.23	T.R	.15	.17		14
15	—	2.26	—	.31	.18	.03	—	—	.97	.48	.30	.37		15
16	.01	1.50	.13	1.30	.36	.24	.34	.01	.81	—	.19	T.R		16
17	—	.02	—	.40	—	.20	—	.05	.36	.35	.31	—		17
18	—	.84	.01	—	.02	T.R	.04	.03	1.00	1.20	.06	—		18
19	—	1.84	—	.15	—	.18	1.00	—	.10	.63	.07	—		19
20	—	.80	—	.29	—	.07	T.R	—	.02	—	—	.02		20
21	—	.07	.19	.09	—	T.R	—	—	.71	.24	.03	—		21
22	—	.14	.37	.06	—	—	—	—	.03	—	.01	—		22
23	.15	.08	.15	.06	—	.22	—	.05	.02	.13	—	—		23
24	.60	.70	.10	—	—	—	—	—	.49	.02	—	.34		24
25	.58	—	.05	—	—	.17	.01	.03	—	.03	.54	.20		25
26	—	—	—	—	—	.21	.02	1.49	.10	.46	.03	.33		26
27	—	.51	—	—	—	.07	.47	.10	.26	1.02	1.08	.16		27
28	.05	.09	—	—	—	—	T.R	.02	.25	.63	.10	.01		28
29	—	—	.14	—	—	T.R	—	.52	.82	.69	.14	.33		29
30	—	×	T.R	—	—	.42	—	.61	1.10	.95	1.01	.02		30
31	.39	×	—	×	—	×	—	.01	×	.44	×	.56		31
TOTAL	4.20	12.22	1.38	4.94	.94	5.53	2.75	3.15	11.64	11.52	6.43	4.06	Year's Total. 68.76	
* Days with .01 in. or more.	13	24	12	15	4	22	11	14	23	26	25	18	207	
* Days with .04 in. or more.	11	21	10	15	3	21	7	8	20	23	21	15	175	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) James. Elson.

[P.T.O.

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Station No. 3639

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„ Ground „ Sea Level 300 ft.

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·19	·17	·07	—	—	—	·58	·36	·17	—	·26	·28		1
2	T.R	·05	—	—	—	·01	—	·16	·19	—	·11	·06		2
3	—	—	—	—	—	·68	·01	·07	·34	—	·02	·46		3
4	·98	·02	·26	—	—	—	·11	·09	·80	—	·60	1·06		4
5	·89	·02	·10	—	—	·02	—	·61	·60	—	·42	·60		5
6	·14	—	·07	—	·12	·02	·69	·12	·92	—	·53	—		6
7	T.R	—	·19	—	—	—	—	—	1.06	—	·95	·39		7
8	·69	—	·33	—	—	—	—	—	—	—	·36	—		8
9	2·04	—	·10	—	—	·01	·01	·01	·26	—	·70	—		9
10	·89	—	—	—	—	—	·41	·01	·02	—	·76	—		10
11	T.R	—	—	·08	—	·08	·18	·10	·30	—	·39	·32		11
12	—	—	—	·03	—	·02	·10	T.R	·29	T.R	·33	·14		12
13	—	—	—	·08	·08	—	·08	·04	·04	·44	·22	3.32 ✓		13
14	—	—	—	·02	—	·52	·06	·06	·85	·02	·67	·71		14
15	—	—	·03	·02	·18	·36	·08	·01	—	·12	·43	1·21 ✓		15
16	—	—	·06	—	·10	·39	·02	—	—	·61	·46	·03		16
17	·22	·62	—	·02	·05	·04	·33	·11	—	·98	·11	1·43 ✓		17
18	T.R	·71	—	·09	·02	—	·25	—	—	1·03	T.R	—		18
19	·45	·27	—	—	—	·02	·38	·01	—	·17	—	·28		19
20	·64	·37	·23	—	—	—	·12	—	—	·08	—	·47		20
21	·46	·16	·10	—	—	·16	—	—	—	·11	—	·18		21
22	·65	·45	·09	—	—	·83	·14	—	—	·07	—	—		22
23	·01	·29	·06	·06	·02	—	1·31	·02	—	·10	—	T.R		23
24	T.R	—	—	·42	·55	—	1·54	T.R	1.12	2·49	·02	—		24
25	·02	—	—	·10	—	—	·44	—	·32	·60	—	—		25
26	·75	·21	·11	·03	—	—	·06	—	·09	·58	—	—		26
27	·45	—	·02	—	—	—	—	—	·01	·44	—	—		27
28	·17	·29	·25	·01	·01	—	·28	—	—	T.R	·12	—		28
29	·05	·34	·92	—	·01	·64	—	—	—	·38	·19	·03		29
30	·11	✕	·11	—	·07	·13	·67	—	—	·17	·05	·92		30
31	·03	✕	·10	✕	·04	✕	·04	T.R	✕	—	✕	·70		31
													Year's Total	
TOTAL	9·83	3·97	3·20	·96	1·25	3·93	7·89	1·78	7.38	8·39	7·70	12·79	69·07 ✓	✓
* Days with .01 in. or more.	20	14	19	12	12	16	24	15	17	17	21	19	206 ✓	
* Days with .04 in. or more.	17	12	17	6	8	10	21	10	15	16	19	17	168 ✓	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) James, Ekow

[P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†		
1	·07	T.R	·36	—	—	—	·31	—	·92	·12	—	·12		1	
2	·50	1·08	·18	·23	—	·13	·19	—	·20	—	—	·03		2	
3	·26	1·01	·14	·01	·01	·62	·38	—	—	—	—	·13		3	
4	1·12	·02	·04	·11	·21	·14	·01	—	·87	—	·01	·63		4	
5	1·67	—	—	·12	—	·36	·18	—	1·40	—	—	·08		5	
6	—	—	—	·10	·14	·16	·03	·02	·13	—	—	—		6	
7	·11	·20	—	·55	·01	—	—	—	·24	—	—	·04		7	
8	·20	·33	—	·09	—	·17	·20	—	·08	—	—	—		8	
9	·25	·39	—	·25	·02	·04	·50	·02	—	—	—	—		9	
10	T.R	·34	—	·01	·09	·02	·01	·08	—	—	—	·14		10	
11	·17	·01	·28	—	·02	·02	—	T.R	·02	—	—	·32		11	
12	1·54	·23	·60	·06	—	·09	·03	—	·12	—	—	·12		12	
13	—	·09	—	·01	—	·98	·01	·67	—	·03	—	·31		13	
14	—	·14	·10	—	—	·01	·33	1·00	·22	·01	—	·40		14	
15	·64	·96	—	·17	—	—	T.R	·25	·62	—	—	—		15	
16	·13	·52	·89	·21	—	—	—	—	—	—	—	—		16	
17	1·19	·05	·12	·17	—	—	—	·37	·23	—	—	—		17	
18	—	·35	·11	·01	—	—	·02	·02	—	—	·18	—		18	
19	·08	·76	·18	·29	—	·03	—	·42	—	—	·19	—		19	
20	1·47	·20	—	·12	·50	·02	·21	·02	—	·02	·22	·11		20	
21	·83	·09	·11	·13	·03	—	·42	—	—	·21	·03	·21		21	
22	·62	—	·10	·07	·76	·07	·26	—	—	·22	·01	·60		22	
23	·24	—	·07	·01	·09	·01	·29	—	·16	1·03	—	·14		23	
24	1·00	·10	·20	—	·08	—	·02	—	·22	·42	·01	·36		24	
25	·04	·84	·04	—	T.R	—	—	·04	—	·39	·01	·02		25	
26	—	·28	—	—	·28	—	—	—	—	·24	—	T.R		26	
27	—	·79	—	·17	—	—	·12	—	·07	·47	—	·02		27	
28	·01	·02	—	—	—	·21	—	—	—	·06	T.R	·01		28	
29	—	—	—	—	—	·03	—	—	—	·18	·10	T.R		29	
30	·31	▨	—	—	—	·06	—	·21	·36	·18	·32	·01		30	
31	·25	▨	—	▨	·05	▨	—	1·05	▨	·11	▨	—		31	
													Year's Total		
TOTAL	12·70	8·80	3·52	2·89	2·29	3·17	3·52	4·17	5·86	3·69	1·08	3·80	55·49		✓
* Days with .01 in. or more.	23	23	16	21	14	19	19	13	16	15	10	20	209		✓
* Days with .04 in. or more.	22	20	16	16	9	12	12	9	15	12	5	15	163		✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) James Elsow

[P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·31	·05	—	—	2·06	·03	—	·35	—	·29	·41		1
2	—	·09	—	·71	—	1·06	—	—	·24	2·98	·28	·25		2
3	·01	·09	—	T.R	—	·06	·40	—	·35	3·11	·53	·01		3
4	T.R	·12	—	·14	—	·09	·05	—	—	·84	·02	1·20		4
5	·07	·05	—	T.R	—	·29	·14	—	—	·66	·02	·05		5
6	·30	—	—	—	—	1·14	·02	·08	·26	2·22	·06	·11		6
7	·09	—	—	—	—	—	·65	·22	—	·72	·36	·08		7
8	·10	·22	·01	—	—	T.R	·27	·52	—	1·14	·35	·15		8
9	·33	·50	·05	—	·03	·36	·03	—	—	·13	—	·64		9
10	·05	·03	·02	—	—	·05	·41	—	T.R	·68	—	·23		10
11	·20	·06	—	—	·33	·01	·04	—	·02	·51	·45	·40		11
12	·94	—	—	—	·51	—	·01	—	—	1·38	3·62	·19		12
13	·02	—	—	—	·15	—	·52	·02	·22	·42	·65	·15		13
14	1·89	—	·01	—	·10	—	—	—	—	·02	—	·63		14
15	1·00	—	1·25	—	·37	—	—	·58	—	·48	T.R	·51		15
16	·74	—	·09	—	·33	—	—	·62	·80	·89	·09	—		16
17	T.R	—	·27	—	·24	—	·05	·55	1·35	1·13	·04	—		17
18	·38	—	·28	—	T.R	·13	—	·54	·01	·37	1·29	—		18
19	·01	—	1·25	—	—	—	—	·32	—	—	·17	·01		19
20	1·17	—	1·13	—	—	—	—	·18	·05	—	·06	—		20
21	—	—	·02	·02	·09	·06	—	·15	·12	—	·34	—		21
22	T.R	—	—	—	·07	·01	—	·07	—	·02	·67	—		22
23	·33	—	·02	—	·47	·22	—	—	·07	—	·94	—		23
24	·73	·11	·36	—	T.R	·32	—	·03	·31	·13	·28	—		24
25	·11	·86	·11	—	·27	·02	1·25	—	—	·15	·17	·03		25
26	·28	·37	·17	—	·62	1·08	·09	—	—	·80	·10	·03		26
27	·43	·16	—	—	·32	·59	·64	·20	—	·04	·65	—		27
28	·74	·28	·10	—	·36	2·00	·16	—	·03	·02	·23	·17		28
29	·11	—	·07	—	·31	·22	2·88	—	·02	·10	·64	·65		29
30	·22	✕	·01	—	—	·08	·80	—	·17	·12	·87	·09		30
31	·80	✕	T.R	✕	·27	✕	·04	—	✕	1·28	✕	·50		31
													Year's Total	
TOTAL	11·05	3·25	5·27	·87	4·84	9·85	8·28	4·08	4·37	20·34	13·17	5·89	91·26	✓
* Days with .01 in. or more.	25	14	19	3	17	20	20	14	16	26	26	22	222	✓
* Days with .04 in. or more.	22	13	13	2	16	17	16	12	12	23	24	17	187	✓

† Spare column, no entries required

* See Instruction 3 (f) on other side.

(*Signed*) J Ekow

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3639

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Lingholm Gardens

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·40	—	1·84	·06	—	—	·29	·29	·07	·02	—	1·24		1
2	T.R	—	1·00	·05	—	—	·30	·86	·27	—	·05	·16		2
3	—	T.R	·20	·03	—	—	·02	·05	·55	T.R	·09	·87		3
4	—	—	·58	—	T.R	—	·30	—	—	·01	—	·06		4
5	—	·58	·12	—	·14	—	·77	—	—	·45	1·00	—		5
6	·50	·79	·15	—	T.R	—	·46	—	·01	—	·24	—		6
7	1·01	·47	·59	—	·02	—	·17	—	·02	—	·33	·08		7
8	1·58	2·12	·48	·46	—	—	·16	·60	·06	·03	1·22	·30		8
9	·75	·36	—	T.R	—	T.R	·08	·67	·28	·35	—	·71		9
10	·24	·03	·02	—	—	·36	—	·46	1·01	·89	·14	·14		10
11	·06	·47	·49	—	·01	·33	—	·11	—	·25	·14	—		11
12	·07	·09	T.R	·18	—	—	·10	—	·17	·01	·01	—		12
13	·28	—	·01	·38	·18	·02	·38	—	·01	—	·74	—		13
14	1·60	T.R	·04	·25	·40	·65	·11	—	—	·06	1·48	—		14
15	1·15	·07	·04	1·09	·01	·66	·15	—	—	—	·25	—		15
16	1·20	·08	T.R	·15	·02	—	·38	—	—	—	·08	—		16
17	·44	·24	·01	·03	—	·45	T.R	—	—	—	T.R	—		17
18	·14	·31	·14	—	—	·04	·18	—	—	—	·59	—		18
19	·13	—	T.R	—	—	—	·59	·51	—	—	—	—		19
20	·03	·17	·01	—	·03	·03	·29	—	—	—	—	—		20
21	·13	1·22	·41	·23	·02	—	T.R	·37	T.R	·02	—	—		21
22	·21	·31	·19	·11	—	—	·04	—	—	·12	·86	·02		22
23	·12	·46	·03	·16	—	·04	·16	—	—	·11	·05	—		23
24	T.R	·43	—	·22	—	·01	—	—	—	—	·01	·02		24
25	·17	·07	—	·17	—	—	—	—	—	—	1·68	—		25
26	—	·11	—	T.R	·04	—	—	·07	—	·25	·04	—		26
27	—	1·00	·04	·01	—	·67	·14	T.R	—	·04	·16	·08		27
28	·01	·10	·07	·11	—	1·32	1·60	—	—	—	·75	—		28
29	·01	X	·05	—	—	·62	·37	—	—	·25	·47	·01		29
30	—	✕	—	—	—	·05	·99	—	—	·01	1·27	—		30
31	—	✕	—	✕	—	✕	·38	—	✕	—	✕	—		31
TOTAL	10·23	9·48	6·51	3·69	·87	5·25	8·41	3·99	2·45	2·87	11·65	3·69	Year's Total 69·09	✓
* Days with .01 in. or more.	22	21	22	17	10	14	24	10	10	16	23	12	201	✓
* Days with .04 in. or more.	19	20	17	14	4	11	23	10	7	10	21	9	165	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) James Elson

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3639

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Lingholm Gardens.

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 300 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	—	—	·37	—	—	·04	—	T.R	—	·17	·54		1
2	—	—	—	·05	—	—	·24	—	—	—	1·21	·20		2
3	—	·31	—	·07	—	—	·13	—	—	—	—	·09		3
4	—	·25	—	·13	—	—	·17	—	·02	·10	·01	·57		4
5	—	·02	—	—	·22	—	·05	—	—	1·47	·10	1·45		5
6	·01	·03	—	·28	—	—	·14	—	—	·46	·12	·11		6
7	·03	·01	—	·24	·04	—	·01	·21	·31	·09	·01	—		7
8	·01	—	·14	—	—	—	·11	·20	·21	1·98	·59	·17		8
9	—	—	·27	—	—	—	1·42	·87	·36	1·65	·59	·36		9
10	—	—	·13	—	—	—	1·25	·31	—	·22	·70	·14		10
11	—	—	1·28	·07	—	—	·80	—	·06	—	1·25	—		11
12	—	—	·71	—	—	—	·01	·05	·80	—	·21	·01		12
13	—	·03	·04	·03	—	—	·07	·04	·32	—	·51	·20		13
14	—	—	·28	·76	—	—	·15	·11	·02	—	·02	·93		14
15	—	—	·03	·14	·34	—	—	—	—	·18	·36	·37		15
16	—	—	·04	·02	—	—	·30	—	2·10	·13	·03	·57		16
17	—	—	·12	—	—	—	·90	·04	·95	·01	·23	·09		17
18	—	·02	·52	·11	—	—	·29	·26	·78	—	—	1·07		18
19	1·25	·08	·85	·15	—	—	·28	—	·75	T.R	1·31	—		19
20	—	·02	·47	·17	—	—	·05	·40	·28	·24	·38	—		20
21	—	—	·17	·14	—	·62	—	·02	·07	·01	·03	—		21
22	—	·34	·22	—	—	·25	T.R	·03	·45	T.R	T.R	—		22
23	·04	·29	·17	·14	·06	·01	·18	—	·16	·01	·25	—		23
24	·90	·02	T.R	—	—	·02	·15	—	—	·01	·03	·02		24
25	·03	—	·05	—	·55	·07	·01	·03	—	—	·02	—		25
26	·20	·55	—	—	·02	T.R	—	·31	·02	—	·34	—		26
27	·50	·18	—	·06	·05	—	·02	—	—	—	·12	—		27
28	—	·08	·01	—	·33	—	—	·20	—	—	—	·33		28
29	—	—	·22	·04	—	·16	·14	—	—	·03	·01	·33		29
30	—	✗	·14	—	·01	—	—	—	—	·65	—	·41		30
31	—	✗	1·02	✗	T.R	✗	—	·02	✗	·61	✗	—		31
TOTAL	2·97	2·23	6·88	2·97	1·62	1·13	6·91	3·10	7·66	7·85	8·60	7·96	Year's Total 59·88	
* Days with .01 in. or more.	9	15	21	18	9	6	24	16	17	17	25	20	197	
* Days with .04 in. or more.	5	8	19	16	7	4	20	12	14	12	17	18	152.	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) James Elson.

P.T.O.

3640

Section **A** for the entry of Daily O

AIR MINISTRY.—METI

3640

CUMBERLAND.
DERWENT ISLAND.
KESWICK.
1931 — 36

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COPY FOR OFFICIAL USE.

RAINFALL ORGANIZATION.

FORM 1090.

REGISTER N 1931.

Kept at Derwent Island, Kes

in the County of Cumberland

Diameter of Funnel of Gauge 5 in

Height of top of Gauge above Ground

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·01		·05		·01	·12		·30	·58			1
2		·04		·14		·79	·03		·82	·08	2·20	2·30	2
3						·04	·41		·50	·22	4·78	·25	3
4		·02		·33	·03		·01		·11	·15	·08	·44	4
5					·24	·48	·01	·01		·03	·02	1·02	5
6		·12			·01	·29	·33		·20	·60	·36		6
7		·19	·03		·01	·29		·36		·25	·11	·27	7
8	·14	·30				·01	·69	·04		·15	·14	·03	8
9	·08	·38	·04	·03	·06	·10	·14	·47	·06	·99	·32	·02	9
10	·07	·25	·03		1·58	·95		·03	·01		·45		10
11	·74	1·10		·11		·01	·36		·30	·04	·47		11
12	·03	·04	·03	·05	·01		·33	·01		·10	·08		12
13			·76	·03	·37	·08		·03			·22		13
14	·06	·03	·04		·13	2·29	·34	·11			·43	·11	14
15	·03	·39		·25		1·19	·46	·04	·02				15
16	·37	·10		·45		·17	·14	1·11	·22				16
17		·03		·20	·99	·29	·55	·50		-	·27		17
18	·28			·01		·26	·17	·09	·02		·70		18
19	·10	·35	·02				·24	1·22			·02		19
20		·16	·03			·04		·12			·28		20
21	·22	·15	·11	·01	·08	·14		·23					21
22	1·34	·17	·04	·20	·12	·19	·62				·27	·01	22
23	·50			·46	·27	·26				·02	1·56	·92	23
24	·44	·31		·29	·20		·06				·55	·07	24
25	·10	·28		·32	·01						·10	·03	25
26		·01		·16			·03			·02	·67		26
27	·40	·05		·04		·06	1·07			·22	·21	·08	27
28	·38	·03		·07	·32		43				·01	·14	28
29	·06				·06		1·12			·50	·03		29
30	·02	×			·16		·02		·18				30
31	·60	×		×		×	·03		×	·15	×	·36	31
TOTAL	5·97	4·51	1·13	3·20	4·65	7·94	7·71	4·37	2·74	4·10	14·33	6·05	YEAR'S TOTAL 66·70
*Days with ·01 in. or more.	21	23	10	19	18	21	24	15	12	16	25	15	219
*Days with ·04 in. or more.	17	17	5	15	13	18	18	11	9	13	21	11	168

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M

*See Instruction 2 (*f*) on other side.

(*Signed*) Cordelia Marshall

P.T.O.

3640

Section **A** for the entry of Daily O

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at Derwent Island, Keswick (Old Gauge)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01	·01		·05		·01	·12		·30	·58			1
2		·04		·14		·79	·03		·82	·08	2·20	2·30	2
3						·04	·41		·50	·22	4·78	·25	3
4		·02		·33	·03		·01		·11	·15	·08	·44	4
5					·24	·48	·01	·01		·03	·02	1·02	5
6		·12			·01	·29	·33		·20	·60	·36		6
7		·19	·03		·01	·29		·36		·25	·11	·27	7
8	·14	·30				·01	·69	·04		·15	·14	·03	8
9	·08	·38	·04	·03	·06	·10	·14	·47	·06	·99	·32	·02	9
10	·07	·25	·03		1·58	·95		·03	·01		·45		10
11	·74	1·10		·11		·01	·36		·30	·04	·47		11
12	·03	·04	·03	·05	·01		·33	·01		·10	·08		12
13			·76	·03	·37	·08		·03			·22		13
14	·06	·03	·04		·13	2·29	·34	·11			·43	·11	14
15	·03	·39		·25		1·19	·46	·04	·02				15
16	·37	·10		·45		·17	·14	1·11	·22				16
17		·03		·20	·99	·29	·55	·50			·27		17
18	·28			·01		·26	·17	·09	·02		·70		18
19	·10	·35	·02				·24	1·22			·02		19
20		·16	·03			·04		·12			·28		20
21	·22	·15	·11	·01	·08	·14		·23					21
22	1·34	·17	·04	·20	·12	·19	·62				·27	·01	22
23	·50			·46	·27	·26				·02	1·56	·92	23
24	·44	·31		·29	·20		·06				·55	·07	24
25	·10	·28		·32	·01						·10	·03	25
26		·01		·16			·03			·02	·67		26
27	·40	·05		·04		·06	1·07			·22	·21	·08	27
28	·38	·03		·07	·32		43				·01	·14	28
29	·06				·06		1·12			·50	·03		29
30	·02	×			·16		·02		·18				30
31	·60	×		×		×	·03		×	·15	×	·36	31
TOTAL	5·97	4·51	1·13	3·20	4·65	7·94	7·71	4·37	2·74	4·10	14·33	6·05	YEAR'S TOTAL 66·70
*Days with ·01 in. or more.	21	23	10	19	18	21	24	15	12	16	25	15	219
*Days with ·04 in. or more.	17	17	5	15	13	18	18	11	9	13	21	11	168

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M

*See Instruction 2 (f) on other side.

(Signed) Cordelia Marshall

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3640

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Derwent Island, Keswick (old gauge)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·64	·03		·35			·09		1·75	·16	·27	1·00	1
2	1·55			·01	·35		·45	·03	·51	·03	·29	·42	2
3	·32						·28	·01	·40		·28	·60	3
4	·52		·09				·85	·02	·02	·03		·10	4
5	1·30		·35	·24	·06			·03	·29	·02			5
6	·27		·25	·75	·02				·09	·90			6
7	·02		·65	·22	·04				·17	·72			7
8				·26			·01		·65	·53			8
9	2·66	·01		1·03	·02				·35	·18		·01	9
10	·36			·25					1·28	·23			10
11	·05			·06	·30		·23	·07	·09				11
12	1·38				·70		2·83	·06		·66			12
13	·15	·01		·60	·15		·12		·84	·42		·08	13
14	1·01			·07								·63	14
15	1·40			·02	·43					·14	·02	·36	15
16	1·20									·16		3·13	16
17	·09						·09	·01		·87		·72	17
18	·05				·44				·03			·57	18
19	·01		·06	·23	·28		·08			·12		·29	19
20	·03		·01	·28	·01		·02	·59		·30	·11	·11	20
21	·22		·44	·16			·17	·09		1·30	·30	·47	21
22	·04		·16	·24			·12			·40	·97	·62	22
23			·01	·02	·02		·06			·11	·50	·42	23
24	·12				·01	·03	·03		·60	·01	·13	·03	24
25				·17	·12	·02	·21		·40	·73	·64		25
26			·01		·05	·05	·86	·04	·34	·22	·08	·01	26
27			·51	·06		·89	·62				·05	·13	27
28			·16	·06	·20		·11			·02	·02	·16	28
29	·03		1·27	·20	·02	·19	·84	·22	·02	·65	·52	·38	29
30		×	·15	·10	·04	1·41	·26	·12	·24	·49	·17		30
31	·07	×		×		×	·01	·19	×	·02	×	·38	31
TOTAL	13·49	·05	4·12	5·38	3·26	2·59	8·34	1·48	8·07	9·42	4·35	10·62	YEAR'S TOTAL 71·17
*Days with ·01 in. or more.	24	3	14	22	19	6	22	13	18	26	15	22	204
*Days with .04 in. or more.	20	0	11	19	13	4	18	8	15	20	13	19	160

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*See Instruction 2 (*f*) on other side.

(*Signed*) Cordelia Marshall

P.T.O.

Section **A** **for the entry of Daily Observations.**

COPY FOR OFFICIAL USE.

Station No. 3640

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Derwent Island, Keswick (Old gauge)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft 9 in.

,, Ground ,, Sea Level 280 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·41	·25	·25			·01			·01		·36		1
2	3·07	·03	·06	·03		·83							2
3	·20	·84	·11	·03	·25						·04		3
4	1·40	1·05	·38		·31						·06		4
5	·20	·27	·85		·23						·03		5
6	·01	·11	·20		·41						·01		6
7	·26	·32	·03		·06		·60	·06		·50			7
8	·18	·04	·61	·59	·08	·11	·13	·06		·28			8
9		1·02	·01	·01	·16		·97			1·49	·14		9
10	·31	·02				·15	·66			·25		·02	10
11				·07	·02		·24			·94		·07	11
12	·07	·01				·01	·20			·07	·04	·01	12
13			·05		·17		·31	·12	·09	·33	·27		13
14	1·03		·10				·03	·01		·03	·77		14
15	·06		·50		·01	·06	·08	·28		·92	·11		15
16	·07		·47	·19	·14	·43		·14		·28	·01	·02	16
17	·03		·32			·80		·46	·30	·02	·24		17
18			·12			·27		·21			·03	·07	18
19			·08			·03		·01	·13		·22		19
20		·11			·30	·02		·30	·05				20
21						·09		·19		·01			21
22					·76			·03		·07			22
23		·03		·20				·01	·01				23
24		·30		·32	·33	·02	·10	·05	·11			·03	24
25		1·01			·04		·05	·02	·32			·03	25
26		·93		·18					·06	·28			26
27		·25		·03	·03		·25	·03		·04	·02		27
28		·04					·08	·90		·26		·03	28
29			·03	·09			·10	·04		·10		·08	29
30	·08	×		·10			1·04			·28		·15	30
31	2·90	×	·08	×		×		·46	×	·11	×	·11	31
TOTAL	10·28	6·63	4·25	1·84	3·30	2·83	4·84	3·38	1·08	6·26	2·35	·62	YEAR'S TOTAL 47·66
*Days with ·01 in. or more.	16	18	18	12	16	13	15	19	9	19	15	11	181
*Days with .04 in. or more.	14	14	15	8	13	8	14	13	7	16	10	5	137

40-9999

*See Instruction 2 (*f*) on other side,

D M

(*Signed*) Cordelia Marshall

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3640.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Derwent Island, Keswick

in the County of Cumberland

Diameter of Funnel of Gauge No change in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·32	0	·32	·0	0	0	0	·20	·01	0	0	·28		1
2	·01	0	·21	0	0	0	0	·72	·32	0	·10	·30		2
3	·88	0	·02	0	0	0	0	·09	·02	·29	·25	·16		3
4	·60	0	·15	·02	·09	0	0	0	·14	·67	0	·65		4
5	·88	0	·10	·0	·78	0	0	·16	0	·25	·01	·25		5
6	1·10	0	·08	·01	1·26	0	0	·10	·17	·47	0	·05		6
7	·93	·09	·14	·22	0	·01	0	0	·08	·12	·01	·56		7
8	0	0	0	0	·02	0	0	·07	·23	·37	0	1·65		8
9	·83	·02	·03	·21	0	0	0	·15	·23	·25	·36	·77		9
10	·82	·0	·14	·04	0	0	0	·92	·35	·10	·06	·17		10
11	1·00	·0	·13	·48	0	0	0	·28	·0	·02	·01	·28		11
12	·04	0	·03	·69	0	0	·01	·05	0	·03	0	·17		12
13	·22	0	·0	·22	·17	0	·32	0	0	·15	0	·12		13
14	·35	0	·49	·07	·06	·31	0	0	0	·54	·01	·40		14
15	·55	0	·08	·15	·78	0	·17	·12	·05	·20	0	·10		15
16	1·26	0	·68	·0	·51	0	·03	0	·09	·03	·01	·12		16
17	·31	0	·15	·33	·58	0	·40	0	·78	·01	0	·72		17
18	·58	0	·22	·15	·40	·57	0	·14	·21	0	0	·81		18
19	0	0	·03	·07	·69	·29	·05	·12	·45	·45	0	·10		19
20	·03	0	·0	·31	·51	·02	·01	·63	·16	·20	·03	0		20
21	·02	0	·09	·0	·08	·45	·01	·90	·18	·85	·03	0		21
22	·01	0	·04	·02	·0	·31	·01	·36	·67	·11	·07	0		22
23	·08	0	·06	·30	0	0	·04	·24	·02	·56	·15	·05		23
24	·0	·16	·0	·14	·12	·01	·01	0	·17	·76	·03	0		24
25	·35	·0	·12	·26	0	·0	·17	0	·76	1·35	·07	·70		25
26	·23	0	·05	·15	0	·25	·18	0	·82	·85	·02	·45		26
27	·0	0	·0	·03	0	·47	·15	·17	·20	·45	·01	·60		27
28	0	0	0	·01	0	·06	·08	1·56	·14	·25	0	·45		28
29	0	×	0	·0	0	0	·20	·23	·15	·11	0	·32		29
30	·33	×	0	·0	0	0	·02	·03	2·05	·23	0	·72		30
31	·05	×	0	×	0	×	·03	·02	×	0	×	·18		31
TOTAL	10·92	·27	3·36	388	6·05	2·75	1·89	7·26	8·45	9·68	1·23	11·13	Year's Total. 66·87	
* Days with .01 in. or more.	25	3	22	21	14	11	18	22	25	27	17	27	232	
* Days with .04 in. or more.	21	2	18	16	13	8	10	20	22	23	7	27	187	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Denis Marshall

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3640

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Derwent Island, Keswick (Old Gauge)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 9 in.

,, Ground ,, Sea Level 280 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·82	·31	·01				·18		2·06	·07	·15	·30		1
2		·11	·02			·17	·01		1·08	·28	·25	·05		2
3	·03	·28	·06	·10		·09	·22		·21		·54	·30		3
4		·12	·10			·32	·20		·07	·06		·18		4
5		·56	·05			·23	·02		·04	·04	·22	·17		5
6	·02					·60				·02	·20			6
7				·24		·15				·90	·02	·25		7
8	·02	·02		·33		·75		·07		·20	·01	·17		8
9	·04	·02		1·07						1·07	·17			9
10	·34	·21		·24		·20				·36	·07			10
11	·84	·31		·08		·62		·16		·29	·45			11
12		·31				·07			·17	·12	·04			12
13	·34	·05		·10	·35	·05			·29	·43	·12			13
14		·25				·30		·01	·28	·01	·30	·14		14
15		2·02		·33	·16	·02			·75	·44	·31	·30		15
16	·01	1·31	·12	1·08	·34	·22	·32	·01	·74	·01	·10			16
17		·01		·30		·20	·02	·12	·28	·32	·35			17
18		·53					·03	·01	1·01	·85	·05			18
19		1·35		·14		·18	1·02		·10	·55	·05			19
20		1·05		·29		·07			·02		·03			20
21		·06	·32	·10					·72	·22		·03		21
22		·12	·31	·03					·03		·02			22
23	·11	·10	·12	·11		·24		·05	·03	·12				23
24	·35	·66	·10						·43	·02		·30		24
25	·41		·04			·22	·01	·05		·04	·42	·20		25
26		·03				·18	·03	1·35	·14	·32	·03	·35		26
27		·45				·06	·38	·09	·25	·51	·82	·15		27
28	·05	·10						·04	·20	·48	·15	·01		28
29			·14			·01		·47	·80	·58	·10	·35		29
30		✕		·08		·41		·63	1·04	·85	·90	·01		30
31	·30	✕		✕		✕		·02	✕	·30	✕	·54		31
TOTAL	3·68	10·34	1·39	4·62	·85	5·36	2·44	3·08	10·74	9·46	5·87	3·80	Year's Total 61·63	
* Days with .01 in. or more.	14	25	12	16	3	23	12	14	23	28	26	18	214	
* Days with .04 in. or more.	10	21	10	15	3	21	6	10	20	24	21	15	176	

40-9999.

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) ~~Cordelia~~ Marshall [P.T.O.

D. MARSHALL *

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3640

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Derwent Island

in the County of Cumberland

Diameter of Funnel of Gauge.............in. As before

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·05

Please read the **Notes and Instructions Overleaf**

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20	·18	·09	·0	·0	·0	·58	·36	·17	·0	·22	·23		1
2	·0	·05	·0	·0	·0	·02	·05	·10	·20	·0	·12	·06		2
3	01	·0	·0	·0	·0	·77	·0	·07	·47	·0	·10	·33		3
4	·84	·01	·22	·0	·0	·0	·10	·07	·82	·0	·62	·90		4
5	·95	·03	·09	·0	·0	·02	·0	·64	·51	·0	·28	·38		5
6	·05	·0	·06	·0	·04	·02	·71	·08	·83	·0	·50	·0		6
7	·0	·0	·14	·0	·0	·0	·01	·0	·90	·0	·92	·35		7
8	·72	·0	·30	·0	·0	·0	·0	·01	·01	·0	·44	·0		8
9	1·70	·0	·14	·0	·0	·02	·03	·02	·25	·0	·58	·0		9
10	·70	·0	·0	·0	·0	·0	·30	·02	·02	·0	·61	·0		10
11	·01	·0	·0	·10	·0	·08	·15	·10	·29	·0	·26	·35		11
12	·0	·0	·0	·04	·0	·02	·11	·02	·27	·0	·26	·08		12
13	·0	·0	·0	·11	·07	·0	·10	·03	·94	·37	·21	2·95		13
14	·0	·0	·0	·03	·0	·45	·05	·05	·75	·02	·52	·67		14
15	·02	·0	·03	·04	·18	·30	·08	·0	·02	·12	·33	1·00		15
16	·0	·03	·07	·0	·10	·30	·02	·0	·0	·57	·46	·05		16
17	·15	·55	·01	·03	·04	·04	·40	·13	·0	·70	·08	1·40		17
18	·0	·65	·0	·07	·02	·0	·20	·38	·0	·94	·0	·01		18
19	·60	·27	·0	·0	·0	·02	·41	·02	·0	·21	·0	·30		19
20	·32	·28	·27	·0	·0	·0	·22	·0	·0	·08	·0	·31		20
21	·18	·25	·08	·0	·0	·17	·0	·0	·0	·11	·0	·15		21
22	·25	·38	·06	·0	·0	·80	·15	·0	·0	·08	·0	·01		22
23	·01	·28	·08	·05	·0	·0	1·8	·0	·0	·11	·0	·0		23
24	·0	·0	·0	·35	·58	·0	1·30	·0	1·12	2·30	·0	·0		24
25	·18	·0	·0	·09	·0	·0	·42	·0	·32	·44	·0	·02		25
26	·55	·20	·10	·05	·0	·0	·05	·0	·09	·49	·0	·0		26
27	·46	·03	·03	·0	·0	·0	·0	·0	·0	·37	·0	·0		27
28	·10	·20	·18	·02	·02	·0	·11	·0	·0	·03	·12	·02		28
29	·05	·26	·85	·0	·01	·65	·0	·0	·0	·32	·14	·62		29
30	·02	✕	·11	·0	·08	·10	·57	·0	·01	·14	·04	·56		30
31	·09	✕	·11	✕	·04	✕	·02	·0	✕	·0	✕	·61	61·57	31
													Year's Total	
TOTAL	8·16	3·65	3·01	·98	1·18	3·78	7·22	2·16	7·09	7·40	6·87	10·07	~~62·28~~	later info
* Days with .01 in. or more.	23	16	20	12	11	16	25	16	19	18	20	23	219	
* Days with .04 in. or more.	18	12	17	9	8	10	21	10	15	16	20	17	173	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ....Denis Marshall............ [P.T.O.

✓ ✓ ✓ IVY 819566/

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—

FORM 1090.

REGISTER OF RAINFAL

3641

DERWENT ISLAND
NEW. C.
1931-40

780703

Kept at Derwent Island (New G)
in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following
780703

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	1	1	–	2	–	2	11	–	28	50	–	–	1
2	–	4	–	14	–	78	3	–	81	9	2·08	2·06	2
3	–	–	–	–	–	4	38	–	50	19	4·54	25	3
4	–	2	–	33	2	–	1	–	10	13	8	15	4
5	–	–	–	–	22	47	1	1	–	2	1	1·01	5
6	–	11	–	–	1	29	32	–	20	55	35	–	6
7	–	16	2	–	1	29	–	36	–	25	10	24	7
8	13	20	–	–	–	1	69	3	–	14	12	2	8
9	8	37	2	3	5	8	13	45	6	92	22	2	9
10	7	24	3	–	1·39	83	–	3	1	–	39	–	10
11	75	1·18	–	9	–	1	32	–	30	4	46	–	11
12	3	4	2	5	1	–	32	1	–	9	7	–	12
13	–	–	74	3	32	6	–	3	–	–	17	–	13
14	6	3	4	–	13	2·20	34	11	–	–	36	11	14
15	6	38	–	25	–	99	45	3	2	–	–	–	15
16	48	9	–	49	–	14	14	1·09	21	–	–	–	16
17	–	2	–	19	1·06	29	50	49	–	–	16	–	17
18	30	–	–	1	–	27	17	09	2	–	56	–	18
19	10	36	1	–	–	–	24	1·20	–	–	~~2~~	–	19
20	–	17	2	–	–	4	–	12	–	–	25	–	20
21	20	15	9	1	8	16	–	23	–	–	–	–	21
22	1·24	16	4	19	13	19	53	–	–	–	18	1	22
23	52	–	–	43	28	25	–	–	–	2	1·0	86	23
24	44	33	–	27	20	–	5	–	–	–	46	10	24
25	10	36	–	31	1	–	–	–	–	–	6	3	25
26	–	1	–	15	–	–	2	–	–	2	59	–	26
27	41	6	–	4	–	6	1·06	–	–	24	12	10	27
28	37	3	–	7	32	–	42	–	–	–	1	17	28
29	6		–	–	5	–	1·11	–	–	50	3	–	29
30	1	×	–	–	15	–	2	–	12	–	–	–	30
31	30	×	–	×	–	×	3	–	×	15	×	·38	31
TOTAL	5·72 ✓	4·52 ✓	1·03 ✓	3·~~30~~10	4·44 ✓	7·47 ✓	7·40 ✓	4·28 ✓	2·63 ✓	3·85 ✓	12·38 ✓	5·54 ✓	YEAR'S TOTAL 62·~~5~~36 ✓
*Days with ·01 in. or more.	21 ✓	23 ✓	10 ✓	19 ✓	18 ✓	21 ✓	24 ✓	15 ✓	12 ✓	16 ✓	25 ✓	15 ✓	219
*Days with ·04 in. or more.	~~19~~18	17 ✓	4 ✓	14 ✓	13 ✓	18 ✓	18 ✓	9 ✓	9 ✓	13 ✓	21 ✓	~~10~~11	165

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*See Instruction 2 (*f*) on other side.

(Signed) F. Atkinson [P.T.O.

✓ ✓ ✓ IVY 819566/

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Derwent Island (New G)
in the County of Cumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level ft.

150
400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following
780703

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	1	1	–	2	–	2	11	–	28	50	–	–	1
2	–	4	–	14	–	78	3	–	81	9	2.18	2.06	2
3	–	–	–	–	–	4	38	–	50	19	4.54	25	3
4	–	2	–	33	2	–	1	–	10	13	8	15	4
5	–	–	–	–	22	47	1	1	–	2	1	1.01	5
6	–	11	–	–	1	29	32	–	20	55	35	–	6
7	–	16	2	–	1	29	–	36	–	25	10	24	7
8	13	20	–	–	–	1	69	3	–	14	12	2	8
9	8	37	2	3	5	8	13	45	6	92	22	2	9
10	7	24	3	–	1.39	83	–	3	1	–	39	–	10
11	75	1.18	–	9	–	1	32	–	30	4	46	–	11
12	3	4	2	5	1	–	32	1	–	9	7	–	12
13	–	–	74	3	32	6	–	3	–	–	17	–	13
14	6	3	4	–	13	2.20	34	11	–	–	36	11	14
15	6	38	–	25	–	99	45	3	2	–	–	–	15
16	48	9	–	49	–	14	14	1.09	21	–	–	–	16
17	–	2	–	19	1.06	29	50	49	–	–	16	–	17
18	30	–	–	1	–	27	17	09	2	–	56	–	18
19	10	36	1	–	–	–	24	1.20	–	–	2	–	19
20	–	17	2	–	–	4	–	12	–	–	25	–	20
21	20	15	9	1	8	16	–	23	–	–	–	–	21
22	1.24	16	4	19	13	19	53	–	–	–	18	1	22
23	52	–	–	43	28	25	–	–	–	2	1.0	86	23
24	44	33	–	27	20	–	5	–	–	–	46	10	24
25	10	36	–	31	1	–	–	–	–	–	6	3	25
26	–	1	–	15	–	–	2	–	–	2	59	–	26
27	41	6	–	4	–	6	1.06	–	–	24	12	10	27
28	37	3	–	7	32	–	42	–	–	–	1	17	28
29	6		–	–	5	–	1.11	–	–	50	3	–	29
30	1	×	–	–	15	–	2	–	12	–	–	–	30
31	30	×	–	×	–	×	3	–	×	15	×	38	31 3 ✓
TOTAL	5.72 ✓	4.52 ✓	1.03 ✓	3.~~30~~ 10	4.44 ✓	7.47 ✓	7.40 ✓	4.28 ✓	2.63 ✓	3.85 ✓	12.38 ✓	5.54 ✓	YEAR'S TOTAL 62.36 ✓
*Days with ·01 in. or more.	21 ✓	23 ✓	10 ✓	19 ✓	18 ✓	21 ✓	24 ✓	15 ✓	12 ✓	16 ✓	25 ✓	15 ✓	219
*Days with ·04 in. or more.	~~19~~ 18	17 ✓	4 ✓	14 ✓	13 ✓	18 ✓	18 ✓	9 ✓	9 ✓	13 ✓	21 ✓	~~10~~ 11	165 ✓

40-9999

M

*See Instruction 2 (*f*) on other side.

(Signed) F. Atkinson

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No.** 3641

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

150 400

Kept at Derwent Island, Keswick (New Gauge)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·65	·03		·34			·09		1·73	·16	·27	·93	1
2	1·55			·01	·31		·44	·03	·52	·03	·28	·42	2
3	·34						·20	·01	·40		·22	·60	3
4	·50		·09				·70	·02	·03	·03		·10	4
5	1·20		·39	·28	·04			·03	·30	·01			5
6	·25		·25	·82	·02				·09	·78			6
7	·02		·70	·22	·04				·14	·48			7
8				·25			·01		·65	·53			8
9	2·31	·01		1·01	·02				·34	·18		·01	9
10	·33			·26					1·30	·23			10
11	·05			·06	·30		·24	·05	·09				11
12	1·14				·65		2·84	·05		·65			12
13	·15	·01		·50	·15		·12		·84	·42		·07	13
14	·80			·07								·60	14
15	1·30			·02	·43					·14	·02	·34	15
16	1·12									·06		3·00	16
17	·06						·08	·01		·93		·68	17
18	·02				·32				·03			·42	18
19	·01		·06	·23	·24		·08			·09		·26	19
20	·02		·01	·27	·01		·01	·59		·30	·11	·09	20
21	·20		·44	·16			·17	·09		1·28	·27	·40	21
22	·04		·16	·24			·11			·40	·98	·46	22
23			·01	·02	·02		·05			·10	·45	·31	23
24	·10				·01	·03	·03		·59	·01	·13	·03	24
25				·16	·14	·02	·21		·40	·73	·60		25
26			·01		·05	·05	·87	·04	·34	·22	·08	·01	26
27			·48	·02		·88	·62				·05	·13	27
28			·14	·06	·20		·11			·02	·02	·14	28
29	·03		1·25	·16	·02	·16	·82	·22	·02	·65	·52	·32	29
30		×	·14	·07	·05	1·05	·20	·12	·22	·46	·16		30
31	·07	×		×		×	·01	·18	×	·02	×	·26	31
TOTAL	12·26	·05	4·13	5·23	3·02	2·19	8·01	1·44	8·03	8·91	4·16	9·58	YEAR'S TOTAL 67·01
*Days with ·01 in. or more.	24	3	14	22	19	6	22	13	18	26	15	22	204
*Days with ·04 in. or more.	19	0	11	18	13	4	18	8	15	20	13	19	158

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Cordelia Marshall

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3641

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Derwent Island, Keswick (New gauge)

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft [illegible] in.

,, Ground ,, Sea Level 290 ft.

150

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·30	·25	·24			·01			·01		·36		1
2	2·70	·02	·06	·04		·81							2
3	·18	·82	·10	·04	·25						·03		3
4	1·10	1·10	·38		·28						·06		4
5	·18	·32	·62		·23						·03		5
6	·01	·11	·20		·40						·01		6
7	·26	·32	·03		·06		·58	·06		·50			7
8	·20	·04	·53	·59	·07	·11	·12	·06		·28			8
9		1·00	·01	·01	·14		·95			1·39	·14		9
10	·31	·02				·15	·66			·24		·02	10
11				·07	·02		·24			·94		·07	11
12	·07	·01				·01	·20			·07	·04	·01	12
13			·05		·17		·30	·12	·09	·31	·25		13
14	·94		·10				·03	·01		·03	·32		14
15	·06		·48		·01	·06	·08	·25		·92	·11		15
16	·06		·47	·19	·13	·38		·13		·30		·02	16
17	·03		·32			·82		·38	·27	·02	·23		17
18			·11			·27		·19			·03	·07	18
19			·07			·03		·02	·11		·20		19
20		·12			·29	·02		·30	·05				20
21						·08		·18		·01			21
22					·77			·03		·07			22
23		·03		·18				·01	·01				23
24		·20		·28	·33	·02	·08	·05	·11			·02	24
25		1·00			·04		·04	·02	·32			·03	25
26		·84		·15					·06	·28			26
27		·13		·03	·03		·24	·03		·04	·01		27
28		·04					·07	·87		·22		·03	28
29			·03	·09			·09	·04		·10		·06	29
30	·08	×		·10			·95			·25		·15	30
31	2·80	×	·08	×		×		·46	×	·11	×	·11	31
TOTAL	9·28	6·37	3·88	1·77	3·22	2·77	4·63	3·21	1·03	6·08	1·82	·59	YEAR'S TOTAL 44·65
*Days with ·01 in. or more.	16	18	18	12	16	13	15	19	9	19	14	11	180
*Days with .04 in. or more.	14	14	15	10	13	8	14	13	7	16	9	5	138

40-9999

*See Instruction 2 (*f*) on other side, D K

(*Signed*) Cordelia Marshall

P.T.O.

3641

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Derwent Island, Keswick

In the County of Cumberland

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground ...... *ft.* ...... *in.*

Height of Ground above Sea Level ...... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·92			25	
FEB.	·26			3	
MAR.	3·18			22	
APRIL	3·61			20	
MAY	5·03			14	
JUNE	2·71			11	
JULY	1·82			18	
AUG.	6·80			22	
SEPT.	7·62			25	
OCT.	8·97			27	
NOV.	1·11			17	
DEC.	9·15			27	
Total	60·18			231	

Signature Cordelia Marshall

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

FORM 1090.

/

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Keswick (Derwent Island)

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* ~~0~~ 1 *ft.* ~~9~~ 0 *in.*
- *Height of Ground above Sea Level* 2~~8~~90 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with '01 in. or more	Number of Days with '04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·92			25	
FEB.	·26			3	
MAR.	3·18			22	
APRIL	3·61			20	
MAY	5·03			14	
JUNE	2·71			11	
JULY	1·82			18	
AUG.	6·80			22	
SEPT.	7·62			25	
OCT.	8·97			27	
NOV.	1·11			17	
DEC.	9·15			27	
Total	60·18			231	

Signature Miss Marshall

150

400

*See Instruction 2 (*f*) below.

C Particulars of Station.

3641

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

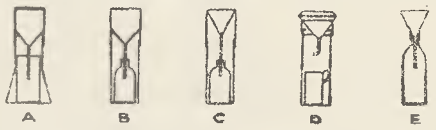
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

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(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Section **A** for the entry of Daily Observations.

Station No. 3641

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Derwent Island, Keswick (New Gauge)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 290 ft.

150

400 TC

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·80	·51	·01				·19		1·98	·06	·15	·30		1
2		·10	·01			·17	·01		1·04	·22	·25	·05		2
3	·04	·30	·06	·08		·09	·22		·18		·35	·30		3
4		·11	·10			·32	·28		·06	·05		·18		4
5		·56	·05			·22	·02		·04	·04	·21	·17		5
6	·03					·53				·02	·20			6
7				·21		·15				·85	·02	·23		7
8	·01	·02		·26		·75		·06		·22	·01	·17		8
9	·03	·02		1·02						1·03	·10			9
10	·30	·18		·25		·18				·37	·07			10
11	·83	·31		·08		·60		·15		·27	·20			11
12		·31				·05			·17	·12	·03			12
13	·34	·05		·10	·33	·04			·27	·34	·12			13
14		·23				·30		·01	·23	·01	·27	·10		14
15		2·15		·33	·15	·02			·75	·40	·26	·30		15
16	·01	1·41	·12	1·08	·33	·22	·32	·01	·71	·01	·10			16
17		·01		·30		·18	·02	·13	·29	·32	·33			17
18		·50					·03		·90	·95	·05			18
19		1·30		·13		·15	·98		·10	·62	·03			19
20		1·02		·25		·06			·02		·02			20
21		·06	·30	·04					·74	·22		·02		21
22		·12	·31	·03					·04		·02			22
23	·11	·10	·12	·11		·25		·05	·03	·09				23
24	·46	·64	·10						·43	·02		·25		24
25	·43		·05			·20	·01	·05		·04	·44	·15		25
26		·04				·12	·02	1·35	·10	·40	·03	·30		26
27		·21				·06	·38	·09	·25	·72	·85	·15		27
28	·06	·09						·04	·19	·52	·20	·01		28
29			·12			·01		·45	·75	·54	·10	·27		29
30		✕		·08		·41		·60	1·01	·90	·85	·01		30
31	·30	✕		✕		✕		·02	✕	·30	✕	·50		31
TOTAL	3·75 ✓	10·35 ✓	1·35 ✓	4·35 ✓	·81 ✓	5·08 ✓	2·48 ✓	3·01 ✓	10·28 ✓	9·65 ✓	5·26 ✓	3·46 ✓	Year's Total 59·83 ✓	
* Days with .01 in. or more.	14 ✓	25 ✓	12 ✓	16 ✓	3 ✓	23 ✓	12 ✓	13 ✓	23 ✓	28 ✓	26 ✓	18 ✓	213 ✓	
* Days with .04 in. or more.	10 ✓	22 ✓	10 ✓	15 ✓	3 ✓	21 ✓	6 ✓	10 ✓	21 ✓	24 ✓	19 ✓	15 ✓	176 ✓	

40-9999.

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) ~~Cordelia Marshall~~ [P.T.O.

D. MARSHALL * X

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3641

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Derwent Island. Keswick (New Gse)

in the County of Cumberland

Diameter of Funnel of Gauge AS BEFORE

Height of top of Gauge above Ground ......ft. ......in.

,, Ground ,, Sea Level 290 ft.

File No. 819566/28

TL

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date	
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†		
1	·20	·18	·08	·0	·0	·0	·58	·32	·16	·0	·20	·23		1	
2	·0	·06	·0	·0	·0	·01	·05	·10	·18	·0	·11	·06		2	
3	·01	·0	·0	·0	·0	·70	·0	·07	·44	·0	·09	·35		3	
4	·75	·01	·22	·0	·0	·0	·10	·07	·80	·0	·64	·92		4	
5	·60	·03	·09	·0	·0	·02	·0	·60	·51	·0	·25	·42		5	
6	·06	·0	·06	·0	·04	·02	·77	·08	·77	·0	·27	·0		6	
7	·0	·0	·10	·0	·0	·00	·01	·0	·86	·0	·80	·35		7	
8	·66	·0	·32	·0	·0	·00	·0	·01	·03	·0	·42	·0		8	
9	1·63	·0	·14	·0	·0	·02	·02	·01	·22	·0	·57	·0		9	
10	·76	·0	·0	·0	·0	·0	·30	·01	·01	·0	·59	·0		10	
11	·01	·0	·0	·11	·0	·08	·15	·08	·23	·0	·21	·33		11	
12	·0	·0	·0	·04	·0	·02	·09	·02	·24	·0	·22	·08		12	
13	·0	·0	·0	·09	·07	·0	·08	·02	·03	·35	·20	2·50 ✓		13	
14	·0	·0	·0	·02	·0	·43	·05	·02	·76	·02	·50	·65		14	
15	·02	·0	·03	·04	·19	·28	·08	·0	·01	·10	·34	·90		15	
16	·0	·02	·07	·0	·10	·25	·02	·0	·0	·55	·46	·03		16	
17	·18	·50	·01	·03	·04	·02	·36	·10	·0	·70	·08	1·35		17	
18	·0	·49	·0	·07	·02	·0	·17	·37	·0	·88	·0	·01		18	
19	·55	·27	·0	·0	·0	·02	·41	·01	·0	·22	·0	·27		19	
20	·40	·28	·26	·0	·0	·0	·22	·0	·0	·09	·0	·28		20	
21	·20	·25	·08	·0	·0	·17	·0	·0	·0	·10	·0	·14		21	
22	·17	·40	·08	·0	·0	·75	·09	·0	·0	·04	·0	·01		22	
23	·01	·35	·08	·04	·0	·0	·85	·0	·0	·10	·0	·0		23	
24	·0	·0	·0	·34	·58	·0	1·23	·0	1·08	2·39	·0	·0		24	
25	·18	·0	·0	·08	·0	·0	·42	·0	·30	·45	·0	·02		25	
26	·42	·20	·11	·03	·0	·0	·05	·0	·09	·53	·0	·0		26	
27	·45	·03	·03	·0	·0	·0	·0	·0	·0	·35	·0	·0		27	
28	·10	·20	·14	·02	·02	·0	·12	·0	·0	·02	·13	·01		28	
29	·05	·26	·80	·0	·01	·65	·0	·0	·0	·35	·16	·01	[illegible]	29	
30	·02	✕	·11	·0	·08	·10	·58	·0	·01	·15	·04	·53	9·45	30	
31	·09	✕	·11	✕	·04	✕	·02	·0	✕	·0	✕	·62		31	
TOTAL	7·52	3·63	2·92	·91	1·19	3·54	6·82	1·89	6·73	7·39	6·28	10·07	Year's Total 58·79		✓ 47·72
* Days with .01 in. or more.	23	16	20	12	11	16	25	16	19	18	20	23	219		✓
* Days with .04 in. or more.	18	12	17	8	8	9	21	9	14	16	20	17	169		✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Denis Marshall

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3641

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Derwent Island Keswick

in the County of Cumberland

Diameter of Funnel of Gauge..........in. unchanged

Height of top of Gauge above Ground.......ft.........in.

,, Ground ,, Sea Level ....ft.

T2

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	5	0	42	0	0	0	26	0	75	12	0	11		1
2	40	95	8	16	0	14	15	0	26	1	0	2		2
3	15	85	11	1	0	53	33	0	0	0	0	3		3
4	73	3	5	9	19	5	0	0	1.03	0	2	65		4
5	1·33	0	1	11	5	27	15	0	1·10	0	0	11		5
6	0	0	0	9	5	13	2	2	10	0	0	0		6
7	9	18	0	50	1	1	0	0	18	0	0	3		7
8	10	30	0	7	0	19	17	2	8	0	0	0		8
9	11	33	0	17	4	5	44	7	0	0	0	0		9
10	1	30	0	2	7	1	3	0	0	0	0	30		10
11	9	0	44	0	0	2	0	0	2	0	0	5		11
12	1·22	18	33	6	5	10	3	79	13	0	0	25		12
13	6	7	1	0	0	74	0	80	0	2	0	20		13
14	0	11	6	0	0	0	27	25	19	2	0	26		14
15	41	80	5	8	0	0	0	0	54	0	0	3		15
16	12	45	92	18	0	0	0	32	0	0	0	0		16
17	58	3	9	20	0	0	0	2	24	0	0	0		17
18	0	26	13	2	0	0	2	35	0	0	19	0	7	18
19	8	61	18	26	2	3	0	2	0	0	26	0		19
20	75	15	1	10	50	6	15	0	0	3	20	9		20
21	50	10	10	12	7	0	37	0	1	19	3	13		21
22	37	0	8	5	72	6	27	0	0	16	1	45		22
23	13	0	3	2	9	0	28	0	12	95	0	9		23
24	42	5	20	0	7	2	5	0	20	28	1	23		24
25	5	63	3	0	0	0	0	5	0	34	1	2		25
26	0	24	2	0	27	0	0	0	0	26	0	0		26
27	0	60	0	18	0	1	19	0	8	43	0	4		27
28	0	3	0	0	0	18	0	0	0	5	0	0		28
29	2		0	0	0	4	0	0	0	14	7	3		29
30	20	✕	0	0	0	7	0	32	34	20	30	0		30
31	30	✕	0	✕	5	✕	0	91	✕	9	✕	0		31
TOTAL	8.27	7.25	3.35	2.49	2.25	2.41	3.18	3.94	5.37	3.23	1.10	3.12	Year's Total 46·26 ✓	
* Days with .01 in. or more.	25 days	22	21	20	15	20	17	13	17	16	10	20	216 days ✓	
* Days with .04 in. or more.	23	19	15	16	13	14	13	9	15	12	5	14	168 ✓	

* See Instruction 3 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) Denis Marshall [P.T.O.

~~[illegible], Esq.~~

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Section A for the entry of Daily Observations

Station No. 3641

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Derwent Island Keswick

in the County of Cumberland

Diameter of Funnel of Gauge unchanged in.

Height of top of Gauge above Ground ....ft. ....in.

,, Ground ,, Sea Level ....ft.

Jan, march, Sept totals corrected for arithmetic

Not copied monthly

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0	25	4	1	0	2·10	3	0	47	0	26	38		1
2	0	7	0	62	0	1·6	0	0	26	2·60	29	25		2
3	0	9	0	0	0	·06	35	0	26	2·70	46	2		3
4	·03	8	0	11	0	·09	6	0	1	·75	3	1·10		4
5	·07	5	0	1	0	·25	13	0	11	·60	2	6		5
6	·30	0	0	0	0	·71	4	6	30	1·32	8	9		6
7	·07	0	0	0	0	0	60	43	0	·68	28	5		7
8	·06	27	0	0	0	0	27	19	0	1·10	34	15		8
9	·29	40	3	0	3	·30	5	0	0	·11	0	63		9
10	·02	0	3	0	0	·07	44	0	2	·56	1	18		10
11	·25	7	0	0	32	·02	5	0	3	·30	30	30		11
12	·84	0	0	0	43	0	3	0	0	1·27	3·45	12		12
13	·03	0	0	0	10	0	36	2	18	·42	48	10		13
14	1·30	0	2	0	11	0	0	0	0	·03	1	5		14
15	·75	0	2	0	29	0	1	47	1	·42	0	30		15
16	·72	0	9	0	34	0	0	50	60	·82	9	1		16
17	·01	0	18	0	28	0	5	49	90	1·6	4	0		17
18	·25	0	17	0	1	·15	0	45	2	·34	1·19	0		18
19	·02	0	85	0	0	0	0	31	2	·01	15	3		19
20	·95	0	1·13	0	0	0	1	19	5	0	6	0		20
21	0	0	2	3	8	·07	0	16	11	0	35	0		21
22	0	0	0	0	9	·02	0	0	1	·03	55	0		22
23	·27	0	3	0	35	·23	0	3	8	0	87	0		23
24	·61	8	25	0	0	·28	0	4	26	·14	20	0		24
25	·11	55	11	0	25	·03	98	0	0	·15	13	3		25
26	·22	37	14	0	50	·94	11	0	0	·73	10	6		26
27	·31	15	0	0	32	·51	33	20	0	·05	53	0		27
28	·49	22	7	0	34	1·66	10	0	3	·03	23	13		28
29	·12	✓	7	0	28	·18	2·18	0	3	·07	49	66		29
30	·18		0	0	0	·08	61	0	15	·12	72	9		30
31	·61		1		23		3	0		0		45		31
TOTAL	8 8·98	2·65 ✓	3 ~~4~~·26	·78 ✓	4·35 ✓	8·81 ✓	6·82 ✓	3·54 ✓	3·91 ✓	16·41 ~~17·41~~	11·71 ✓	5·24 ✓	Year's Total ~~75·[illegible]~~	76·36 ✓
* Days with .01 in. or more.	26	13	18	5	18	20 ✓	22	14	22 ✓	~~27~~ 26	28 ✓	23 ✓	235	✓
* Days with .04 in. or more.	21	13	11	2	16	17	17	12	~~8~~ 13	22	24	19	187	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Denis Marshall

[R.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3641 ~~3640~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Derwent Island Keswick

in the County of Cumberland

Diameter of Funnel of Gauge Unchanged

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level ......ft.

Entry on Jan. 8th amended by ref. to nearby stations to agree with month's total.
W.S.R.

M Days

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: 0

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·52	0	1·60	·06	0	0	·23	·33	·04	·03	0	1·13		1
2	0	0	·76	·05	0	0	·32	·85	·25	0	·03	·15		2
3	0	0	·18	·04	0	0	·02	·08	·41	0	·06	·71		3
4	0	0	·52	0	·02	0	·32	0	·04	·02	·01	·07		4
5	0	·33	·10	0	·10	0	·60	0	0	·37	·88	·01		5
6	·31	·60	·13	0	0	0	·49	0	0	0	·24	·01		6
7	·96	·35	·44	0	·02	0	·17	0	·02	0	·30	·05		7
8	1·33 ~~·33~~	1·87	·40	·37	0	0	·17	·46	·05	·02	·91	·30		8
9	·62	·26	0	·03	0	0	·07	·58	·18	·24	·01	·55		9
10	·18	·02	·01	0	0	·31	0	·45	·92	·64	·12	·17		10
11	0	·40	·50	0	·01	·40	0	·09	·01	·23	·15	·01		11
12	·11	·10	0	·11	0	0	·07	·02	·17	·61	·02	0		12
13	·17	·0	·03	·36	·20	·02	·26	0	·02	·02	·68	0		13
14	1·35	0	·03	·23	·40	·66	·10	0	0	·05	1·27	0		14
15	·70	·05	·04	·86	·02	·56	·17	0	0	0	·22	0		15
16	1·13	·06	0	·15	·03	0	·42	0	0	0	·07	0		16
17	·47	·21	·01	0	0	·34	·01	0	0	0	·01	0		17
18	·11	·26	·15	0	0	·03	·14	0	0	0	·59	0		18
19	·09	0	0	0	0	0	·48	·60	0	0	·01	·01		19
20	·03	·10	·01	0	·06	·03	·25	0	0	0	0	0		20
21	·14	·82	·35	·19	·02	0	·01	·35	0	·01	0	0		21
22	·15	·28	·16	·10	0	0	·05	·01	0	·10	·76	0		22
23	·17	·38	·04	·15	0	·06	·17	0	0	·08	·04	0		23
24	·02	·40	·0	·21	0	·03	·01	0	0	0	·05	·02		24
25	·12	·07	·02	·17	0	0	0	·01	0	0	1·33	·01		25
26	·01	·12	·02	·01	·04	0	0	·07	0	·20	·04	0		26
27	·0	·92	·01	·01	0	·53	·12	·01	0	·06	·13	·07		27
28	·03	·12	·06	0	0	1·08	1·37	·03	0	·01	·65	0		28
29	0	—	·07	·12	0	·65	·45	0	0	·22	·36	0		29
30	0		0	0	0	·11	·86	0	0	·01	1·13	·02		30
31	0		0		0		·38	0		·02		·0		31
TOTAL	8·72 ✓	7·72	5·64	3·24	·92	4·81	7·65	3·94	2·11	2·34	10·07	3·29	Year's Total 60·45	✓
* Days with .01 in. or more.	22	21	27	18	11	14	27	15	11	19	27	16	228	
* Days with .04 in. or more.	18	20	16	15	5	10	23	10	8	10	21	9	165	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Denis Marshall

[P.T.O.

COPY FOR OFFICIAL USE

Section A **for the entry of Daily Observations** Station No. ~~[illegible]~~ 3641

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Derwent Island Keswick

in the County of Cumberland

Diameter of Funnel of Gauge ....in. ask for

Height of top of Gauge above Ground ......ft. ......in.

,, Ground ,, Sea Level ....ft.

Sept. comd. for Auth.

T

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0	0	0	30	0	0	·6	0	1	0	19	43		1
2	0	0	0	4	0	0	·21	0	0	0	1·10	18		2
3	0	25	0	6	0	0	·11	0	0	0	1	11		3
4	0	15	0	12	0	0	·14	0	0	12	2	47		4
5	0	1	0	1	25	0	·5	0	0	1·21	7	1·12		5
6	0	4	0	7	0	0	·13	0	0	44	10	10		6
7	5	2	0	34	6	0	·1	21	23	15	2	0		7
8	0	0	10	1	0	0	·10	18	22	1·57	40	15		8
9	0	0	18	0	0	0	·17	62	29	1·30	45	30		9
10	0	0	11	0	0	0	·15	29	0	18	62	12		10
11	0	* 1	18	6	0	0	·80	0	9	0	98	0		11
12	0	0	66	0	0	0	·1	7	70	0	26	0		12
13	0	2	4	3	1	0	·8	4	25	0	35	18		13
14	0	0	22	59	0	0	·15	11	2	1	5	70		14
15	0	0	3	15	27	0	·1	0	0	11	28	28		15
* 16	* 2	0	3	2	0	0	·33	0	2·00	12	4	44		16
x 17	0	0	11	0	0	0	·85	7	85	2	24	5		17
x melted snow x 18	* 45	2	53	12	0	0	·23	28	64	0	0	97		18
x 19	* 45	7	64	11	0	0	·28	0	78	2	25	2		19
20	0	2	40	12	0	0	·5	34	12	22	16	0		20
21	0	0	15	13	0	53	·1	3	8	1	7	0		21
* 22	0	25	25	0	5	25	·1	3	44	0	1	0		22
* 23	* 18	25	18	13	0	2	·18	0	13	0	22	0		23
24	x 45	2	1	0	0	2	·14	0	1	1	5	2		24
25	2	0	0	0	46	7	·1	3	0	0	3	1		25
* 26	* 24	42	5	4	2	2	·0	27	2	0	32	0		26
* 27	x 42	27	0	0	3	0	·5	0	0	0	9	0		27
x 28	18	9	1	0	31	0	·1	17	0	0	0	26		28
29	0	0	18	3	0	12	·14	0	0	2	2	31		29
30	0	✕	8	0	1	0	·0	0	0	59	1	42		30
31	0	✕	77	✕	2	✕	·0	3	✕	63	✕	* 2		31
													Year's Total	
TOTAL	2·46	1·91	5·91	2·48	1·49	1·03	6·47	2·77	6·88	6·73	7·41	6·66	52·20	✓
* Days with .01 in. or more.	10	16	22	20	11	7	28	16	17	18	28	22	215	✓
* Days with .04 in. or more.	8	10	18	15	6	4	21	12	14	12	21	18	159	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Denis Marshall

[P.T.O.

3642.

KESWICK HIGH HILL

1931 — 40.

78070

3642

FOR OFFICIAL USE.

L OFFICE.—BRITISH RAINFALL ORGANIZATION.

AINFALL IN 1931.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2									·79			2·06	2
3											4·87		3
4													4
5													5
6													6
7													7
8													8
9										1·01			9
10					1·33								10
11		·96											11
12													12
13			·79										13
14						2·52							14
15													15
16				·41									16
17													17
18													18
19								1·28					19
20													20
21													21
22	1·05												22
23													23
24													24
25													25
26													26
27													27
28													28
29							1·01						29
30		✕											30
31		✕		✕		✕			✕		✕		31
TOTAL	5·07	3.85	0.99	2.57	3·95	7·40	7.20	4·25	2.16	3·60	12·66	4·42	YEAR'S TOTAL 58.12
*Days with ·01 in. or more.	19	20	4	15	17	19	23	12	11	16	24	14	194
*Days with ·04 in. or more.	16	16	4	12	11	15	16	11	7	12	23	9	152
40-9999	128·8	97·8	25·1	65·3	100·3	188·0	182·9	108·0	54·9	91·4	321·6	112·3	1476·4

(Signed) ....

P.T.O.

*See Instruction 2 (*f*) on other side.

3642

FOR OFFICIAL USE.

METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1

REGISTER OF RAINFALL IN 1931.

Kept at Keswick

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level 254 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2									·79			2·06	2
3											4·87		3
4													4
5													5
6													6
7													7
8													8
9										1·01			9
10					1·33								10
11		·96											11
12													12
13			·79										13
14						2·52							14
15													15
16				·41									16
17													17
18													18
19								1·28					19
20													20
21													21
22	1·05												22
23													23
24													24
25													25
26													26
27													27
28													28
29							1·01						29
30		×											30
31		×		×		×			×		×		31
TOTAL	5·07	3·85	0·99	2·57	3·95	7·40	7·20	4·25	2·16	3·60	12·66	4·42	YEAR'S TOTAL 58·12
*Days with ·01 in. or more.	19	20	4	15	17	19	23	12	11	16	24	14	194
*Days with ·04 in. or more.	16	16	4	12	11	15	16	11	7	12	23	9	152
40-9999	128·8	97·8	25·1	65·3	100·3	188·0	182·9	108·0	54·9	91·4	321·6	112·3	1476·4

*See Instruction 2 (*f*) on other side.

(Signed).................................

P.T.O.

3642

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM

REGISTER OF RAINFALL IN 1932.

231

Kept at Keswick

in the County of Cumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground ...... ft ...... in.

,, Ground ,, Sea Level 254 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		·06											1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9	2·35			1·07									9
10									1·35				10
11													11
12					0·65		2·56						12
13													13
14													14
15													15
16												2·87	16
17													17
18													18
19													19
20								·61					20
21										1·13			21
22											·88		22
23													23
24													24
25													25
26													26
27													27
28													28
29		×	1·21										29
30		×				1·22							30
31		×		×		×			×		×		31
TOTAL	11·94	0·06	3·51	4·68	3·23	2·25	7·33	1·21	6·98	8·43	3·46	9·51	YEAR'S TOTAL 62·59
*Days with ·01 in. or more.	21	1	11	22	17	5	21	8	17	22	14	21	180
*Days with ·04 in. or more.	17	1	10	18	11	4	17	6	15	21	12	18	150
40-9999	303·3	1·5	89·2	118·9	82·0	57·1	186·2	30·7	177·3	214·1	87·9	241·5	

(Signed) ~~KESWICK U.D.C.~~

P.T.O.

*See Instruction 2 (*f*) on other side.

3642

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Keswick

in the County of Cumberland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level 254 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2						·82							2
3													3
4													4
5			·79										5
6													6
7													7
8				·51									8
9										1·36			9
10													10
11													11
12													12
13													13
14											·50		14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22					·69								22
23													23
24	2·75												24
25		1·03											25
26									·27				26
27													27
28								·82					28
29													29
30		×					·85					·18	30
31		×		×		×			×		×		31
TOTAL	9·04	5·35	3·88	1·71	3·03	2·71	3·89	2·86	0·98	5·76	1·86	0·41	YEAR'S TOTAL 41·48
*Days with ·01 in. or more.	16	16	17	11	15	11	16	13	8	17	13	7	160
*Days with ·04 in. or more.	14	12	14	7	13	9	14	10	6	14	9	4	126
40-9999	229·6	135·9	98·6	43·4	77·0	68·8	98·8	72·6	24·9	146·3	47·2	10·4	

(Signed)..........

P.T.O.

*See Instruction 2 (*f*) on other side.

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1827

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934. 3642

Kept at Keswick

in the County of Cumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

" Ground " Sea Level 254 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
5													5
6	1·10				·91								6
7													7
8												1·52	8
9											·59		9
10													10
11													11
12				·90									12
13							·38						13
14													14
15													15
16			·49										16
17							·38						17
18													18
19													19
20													20
21													21
22						·50							22
23													23
24		·15											24
25										1·32			25
26													26
27													27
28								1·31					28
29													29
30		×							1·70				30
31		×		×		×			×		×		31
TOTAL	9·56	·22	2·99	4·01	5·18	2·55	1·53	6·14	7·03	8·66	149·25 1·38	9·26	YEAR'S TOTAL 58·51
*Days with ·01 in. or more.	20	4	23	20	14	11	13	20	26	30	9	27	217
*Days with ·04 in. or more.	19	2	17	17	11	8	7	19	23	24	5	25	177
40-9999	242·8	5·6	75·9	101·9	131·6	64·8	38·9	156·0	178·6	220·0	35·1	235·2	

*See Instruction 2 (*f*) on other side.

(Signed) .... [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3642

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Keswick

in the County of Cumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level 254 ft.

TL

231

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1									1·35					1
2														2
3														3
4														4
5														5
6														6
7														7
8						·69								8
9				1·18										9
10														10
11	·40													11
12														12
13					·39									13
14														14
15		1·38												15
16														16
17														17
18										1·25				18
19							·74							19
20														20
21														21
22			·34											22
23														23
24														24
25														25
26								1·45						26
27														27
28														28
29														29
30		×									0·74			30
31		×		×		×			×		×	·52		31
TOTAL	3·14	8·92	1·15	4·10	·85	4·54	1·80	2·54	9·05	10·36	5·09	3·44	Year's Total 55·01	
*Days with ·01 in. or more.	10	25	12	17	4	23	10	11	22	24	23	18	199	
*Days with ·04 in. or more.	4	19	9	15	3.	21	9	7	21	22	19	14	166	

40-9999

*See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) ....

[P. T. O.

3642

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 231

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

TL

100
150
400

Kept at Keswick
in the County of Cumberland
Diameter of Funnel of Gauge.........in.
Height of top of Gauge above Ground.........ft.........in.
,, Ground ,, Sea Level 254 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·05	18	·04			tr	68	36	·19	-	·22	·18		1
2		·01				tr	·01	·05	·18	-	·09	·10		2
3	tr					·95		·05	·52	-	-	·28		3
4	·73	tr	·16			·05	·11	·04	·72	-	·46	·78		4
5	·62	·07	·10			tr		·29	·47	-	·38	·38		5
6	·07		·06		05	tr	·61	·27	·79	-	·30	-		6
7			·10						·74	-	·80	·32		7
8	·71		·19					tr		-	·21	-		8
9	1·68		·12			tr	tr	·01	·27	-	·68	-		9
10							·35	tr	tr	-	·62	-		10
11	tr			·09		·10	·16	·10	·17	-	·30	·21		11
12				·02		tr	·10	tr	·08	-	·45	·11		12
13				·06	·06		·04	tr	·30	·24	·04	2·32		13
14				·19		·48	·03	·05	·87	·03	·65	·79		14
15	tr		tr	·05	·17	·19	·09	tr		·08	·35	·86		15
16			·07	tr	·08	·52	·02			·27	·36	·01		16
17	tr	·42	·01	·02	·04	·02	·38	·07		·56	·20	1·03		17
18		·52		·04	tr		·12	·39		·76	·01	·01		18
19	25	·24	tr				·42	·02		·30	-	·19		19
20	1·02	·25	·26			tr	·25			·12	-	·29		20
21	·23	·23	·05			·11		tr		·90	-	·20		21
22	·18	·32	·04			·70	·02			·03	-	-		22
23	·01	·53	·09	·06	tr		·92	tr		·07	-	·01		23
24		tr		·36	·54		1·49	tr	1·10	2·40	-	-		24
25	·16			07			·25		·39	·39	-	-		25
26	·29	·10	·12	01			·01		·06	·57	-	-		26
27	·44	·10	·01						tr	·36	-	-		27
28	·18	·24	·11		Tr		·20			-	·01	-		28
29	·01	·27	·64		·01	·52				·27	·18	·03		29
30	·08	×	·11		·16	·11	·34	tr		·18	·06	·56		30
31	·01	×	·04	×	·01	×	·03		×	tr	×	·62		31
TOTAL	6·72	3·48	2·32	0·97	1·12	3·75	6·63	1·70	6·85	3 7·52	6·37	7 9·28	Year's Total. 56·71	
* Days with .01 in. or more.	18	14	19	11	9	11	23	12	15	17	20	20	~~196~~	189
* Days with .04 in. or more.	15	13	17	8	7	10	17	10	15	15	18	17	162	

40-9999

† Spare column, no entries required.

235·7

* See Instruction 2 (f) on other side.

(*Signed*)..................

[P.T.O.

COPY. FOR OFFICIAL USE. 3642

Section **A** for the entry of Daily Observations. Station No. 231

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Keswick (High Hill)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

" Ground " Sea Level 254 ft.

TL 150 100

Daily Values 400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·05	tr	·24	–	–	–	·23	–	1·20	·11	tr	·10		1
2	·30	·81	·24	·15	–	·05	·16	–	·20	tr	–	·05		2
3	·18	·74	·11	tr	–	·43	·21	–	tr	–	–	·07		3
4	·87	·01	tr	·09	·17	·06	·01	–	1·04	–	–	·36		4
5	1·19	–	tr	·10	·02	·33	·11	–	·71	–	–	·31		5
6	·01	–	tr	·09	·03	·16	tr	tr	·10	–	–	tr		6
7	–	·28	tr	·38	–	tr	tr	–	·26	–	–	·06		7
8	·20	·23	–	·02	–	·08	·19	tr	tr	–	–	–		8
9	·12	·39	–	·15	tr	·08	·35	·12	·02	–	–	–		9
10	tr	·23	–	–	·09	tr	·01	–	–	–	–	·39		10
11	·05	–	·37	–	–	tr	–	–	tr	–	–	·01		11
12	1·22	·12	·40	·05	·04	·10	·01	J·31	·13	–	–	·10		12
13	–	·01	–	–	–	·53	–	J·56	tr	tr	–	·36		13
14	–	·18	tr	–	–	tr	·32	J·54	tr	·01	–	·21		14
15	·35	·74	·25	·09	–	–	–	–	·55	–	–	·01		15
16	·14	·49	·60	·22	tr	–	–	·23	–	–	–	tr		16
17	·80	·02	·08	·19	–	–	–	·01	·25	–	–	–		17
18	tr	·19	·11	tr	–	–	tr	·37	·01	–	·23	–		18
19	tr	·58	·22	·18	tr	·01	–	·01	–	–	·49	–		19
20	1·11	·02	–	·10	·40	tr	·01	–	–	–	·21	·01		20
21	·55	·12	·02	·11	·07	–	·49	–	–	·20	–	·03		21
22	·39	–	·14	·05	·67	·08	·29		–	·15	tr	·45		22
23	·13	–	·02	–	·06	–	·29	–	·01	1·33	tr	·18		23
24	·49	·01	·18	–	·04	–	·03	–	·24	·18	tr	·17		24
25	·04	·03	·02	–	·03	–	–	·01	–	·35	–	tr		25
26	–	·28	·05	–	·25	–	–	–	–	·25	tr	tr		26
27	–	·96	–	·15	·01	–	·24	–	tr	·33	tr	tr		27
28	–	tr	–	–	tr	·16	–	–	·06	·06	–	·01		28
29	tr		–	–	–	·01	–	–	–	·16	·03	–		29
30	·22		–	–	–	·05	–	·47	·30	·14	·29	–		30
31	·18		–		·04		–	·52		·08		–		31
													Year's Total	
TOTAL	8·59	6·49	3·05	2·12	1·92	2·12	2·95	3·15	5·08	3·35	1·25	2·88	42·95	
* Days with .01 in. or more.	21	21	16	16	14	14	16	11	15	13	5	18	180	
* Days with .04 in. or more.	20	15	13	15	10	12	11	8	12	12	4	13	145	
	218·2	164·8	77·5	53·8	48·8	53·8	74·9	80·0	129·0	85·1	31·8	73·2	1090·9	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

231

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3642

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Keswick (High Hill)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ...... in.

,, Ground ,, Sea Level 254 ft.

100

150

Daily Values.

T.L

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·20	·03	–	–	2·29	·07	–	·24	–	·25	·28		1
2	–	·02	–	·47	–	1·00	·18	–	·21	2·30	·31	·28		2
3	–	·05	–	–	–	·02	·27	–	·32	2·96	·48	–		3
4	–	·06	–	·06	–	·09	·03	–	–	·67	tr	1·07		4
5	·04	·01	–	tr	–	·15	·10	–	·10	·51	tr	·03		5
6	·30	–	–	tr	–	·87	·01	·06	·30	1·72	·01	·14		6
7	·04	–	–	–	–	–	·55	·24	tr	·50	·20	·06		7
8	·03	·10	–	–	–	–	·25	·09	–	1·01	·28	·14		8
9	·26	·45	·01	–	tr	·22	·02	–	–	·06	–	·70		9
10	–	–	tr	–	–	·11	·17	–	tr	·52	tr	·21		10
11	·27	·10	–	–	·25	tr	·15	–	·03	·41	·33	·31		11
12	·89	–	–	–	·39	–	·01	tr	–	1·06	3·37	·18		12
13	·02	–	–	–	·10	–	·45	·04	·09	·39	·64	·11		13
14	1·31	–	tr	–	·11	–	tr	–	–	tr	tr	·05		14
15	·81	–	·72	–	·16	–	tr	·42	–	·40	–	·31		15
16	·51	–	·05	–	·40	–	–	·35	·51	·79	·10	·02		16
17	–	–	·13	–	·20	–	·04	·50	1·26	1·03	tr	–		17 1433
18	·24	–	·20	–	–	·09	–	·44	·01	·33	1·01	–		18
19	tr	–	1·08	–	–	–	tr	·25	tr	–	·01	tr		19
20	·83	–	·83	–	–	–	·01	·21	·05	–	tr	tr		20
21	–	–	·02	tr	·10	·04	–	·10	·10	–	·40	tr		21
22	–	–	–	tr	·11	tr	–	–	tr	tr	·55	tr		22
23	·20	–	tr	–	·37	·18	–	·05	·03	–	·78	–		23
24	·08	tr	·23	–	–	·20	–	·03	·25	·18	·26	–		24
25	·03	·75	·09	–	·23	·02	·97	–	–	·14	·28	·04		25
26	·26	·30	·14	–	·40	·91	·04	–	–	·85	·21	·05		26
27	·17	·04	–	–	·32	·50	·42	·18	–	·04	·54	–		27
28	·53	·29	tr	–	·26	1·56	·08	–	tr	·01	·19	·20		28
29	·10	×	·03	–	·25	·23	2·16	–	tr	·08	·48	·51		29
30	·08	×	tr	–	–	·04	·73	–	·15	·09	·64	·09		30
31	·56	×	tr	×	·18	×	·03	–	×	·94	×	·53		31
TOTAL	7·56	2·37	3·56	·53	3·83	8·52	6·74	2·96	3·65	16·99	11·33	5·31	Year's Total 73·35	✓
* Days with .01 in. or more.	22	12	13	2	16	18	22	14	15	24	22	21	201	✓
* Days with .04 in. or more.	19	10	9	2	16	16	16	13	12	23	20	19	175	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

6·46

COPY FOR OFFICIAL USE ~~28~~

Section **A** for the entry of Daily Observations

Station No. 9642

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

For[illegible]090

REGISTER OF RAINFALL IN 1939

Kept at Keswick (High Hill)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 254 ft.

T.L.

Daily Values.

100

150

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·55	–	1·48	tr	–	–	·12	·09	·04	·03	–	·76		1
2	·03	–	·90	·08	–	–	·40	·73	·23	–	·02	·13		2
3	–	–	·12	·05	–	–	·01	·05	·45	–	·04	·68		3
4	–	tr	·53	–	tr	–	·28	–	·03	·41	tr	·04		4
5	–	·56	·06	–	·07	–	·61	–	–	·43	·76	tr		5
6	·32	·58	·07	–	–	–	·41	–	–	–	·20	–		6
7	·93	·70	·43	–	tr	–	·16	–	tr	tr	·33	–		7
8	1·36	1·82	·46	·28	–	–	·16	·44	·08	tr	·98	·41		8
9	·51	·21	–	·03	–	–	·09	·55	·08	·29	tr	·48		9
10	·02	·01	tr	–	–	·26	–	·61	·71	·16	·13	·16		10
11	·22	·38	·56	–	tr	·35	–	·07	–	·83	·15	–		11
12	·11	·09	–	·16	–	tr	·06	–	·15	tr	tr	–		12
13	·07	–	·03	·31	·18	tr	·44	–	·03	·02	·50	–		13
14	1·57	tr	·04	·27	·40	·62	·10	–	–	·10	1·29	–		14
15	·92	tr	·04	·68	·02	·56	·09	–	–	–	·19	–		15
16	1·10	·05	tr	·09	·04	–	·59	–	–	–	·08	–		16
17	·32	·28	–	·01	–	·35	tr	–	–	–	tr	–		17
18	·07	·22	·18	–	tr	·01	·11	–	–	–	·67	–		18
19	·11	–	–	–	–	–	·44	·41	–	–	–	–		19
20	·01	·14	tr	–	·05	·06	·23	–	–	–	–	–		20
21	·12	·99	·30	·21	·01	–	–	·41	–	tr	–	–		21
22	·12	·38	·10	·07	–	–	·04	–	–	·10	·79	–		22
23	·15	·33	·06	·12	–	·12	·19	–	–	·08	·05	–		23
24	tr	·40	–	·25	–	·03	–	tr	–	–	–	–		24
25	·24	·08	·02	·18	–	–	–	tr	–	–	1·26	–		25
26	tr	·08	tr	tr	·02	–	–	·06	–	·35	·03	–		26
27	–	·74	–	tr	–	·52	tr	tr	–	·06	·27	·02		27
28	–	·12	–	·15	–	1·31	1·47	·01	–	·02	·53	–		28
29	–		·20	–	–	·41	·39	–	–	·30	·36	–		29
30	–		–	–	–	·08	·81	–	–	tr	·83	–		30
31	–		–		–		·49	–		·02		–		31
TOTAL	8·85	8·16	5·58	2·94	·79	4·68	7·69	3·43	1·80	3·20	9·46	2·68	Year's Total 59·26	
* Days with .01 in. or more.	21	20	18	16	8	13	23	11	9	15	21	8	183	
* Days with .04 in. or more.	18	19	16	14	5	11	22	10	7	11	19	7	159	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ....

[P.T.O.

231

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3642

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Keswick (High Hill)
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 254 ft.

Daily Values 100 T ~~Tik~~ 150 400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	-	·56	-	-	·04	-	-	-	·32	·33		1
2	-	-	-	·03	-	-	·14	-	-	-	·94	·14		2
3	-	·19	-	·08	-	-	·12	-	-	-	-	·10		3
4	-	·25	-	·09	-	-	·11	-	tr	·10	-	·52		4
5	-	tr	-	-	·26	-	·10	tr	-	1·46	·13	·82		5
6	-	·03	-	·06	-	-	·15	tr	-	·47	·16	·31		6
7	·04	·02	-	·41	·05	-	·01	·29	·23	·28	tr	-		7
8	-	tr	·08	-	-	-	·12	·25	·21	·94	·35	·20		8
9	-	-	·12	-	-	-	1·26	·70	·24	1·83	·73	·26		9
10	-	-	·12	-	-	-	1·22	·31	-	·19	·49	·15		10
11	-	tr	1·10	·03	-	tr	·85	-	·08	-	1·20	-		11
12	-	-	·91	tr	-	-	tr	·18	·49	-	·43	-		12
13	-	·01	·07	tr	-	-	·09	·01	·18 ~~·16~~	-	·28	·16		13
14	-	-	·20	·54	tr	-	·14	·07	·16	-	·05	·74		14
15	·01	-	·04	·17	-	-	-	-	-	·15	·20	·33		15
16	tr	-	·07	·02	-	-	·33	-	1·24	·10	·01	·50		16
17	-	-	·11	-	-	-	·93	·08	·68	tr	·28	·05		17
18	·74	tr	·43	·12	-	-	·34	·30	·74	-	tr	·75		18
19	·16	·09	·64	·12	-	-	·18	tr	·90	-	1·24	tr		19
20	tr	tr	·35	·07	-	-	·03	·35	·07	·10	·16	-		20
21	-	-	·08	·12	-	·48	·05	·02	·07	-	·04	-		21
22	-	·23	·08	-	-	·27	·03	·05	·47	tr	·02	-		22
23	·17	·25	·17	·10	·07	-	·20	-	·01	-	·26	-		23
24	·19	·01	-	-	tr	tr	·07	tr	tr	-	·04	tr		24
25	·02	-	-	tr	·42	·08	·01	tr	-	-	·02	-		25
26	·37	·29	-	-	·06	-	-	·28	·14	-	·04	-		26
27	·18	·22	-	·05	·01	-	·02	-	-	-	·34	-		27
28	·16	·17	tr	-	·33	-	·02	·16	-	-	-	·24		28
29	tr	-	·30	tr	-	·13	·02	-	-	-	·02	·16		29
30	-	☒	·11	tr	-	-	-	·02	-	·42	tr	·48		30
31	-	☒	·75	☒	·03	☒	-	-	☒	·78	☒	tr		31
TOTAL	2·04	1·76	5·76	2·57	1·23	·96	6·58	3·07	5·91 ~~5·29~~	6·82	7·75	6·24	Year's Total 50·6~~7~~9	
* Days with .01 in. or more.	10	12	19	16	8	4	26	15	16	12	24	18	180	
* Days with .04 in. or more.	8	8	19	13	6	4	19	12	15	12	20	18	154	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) .... [P.T.O.

Section **A** for the entry of Daily

AIR MINISTRY.—ME H RAINFALL ORGANIZATION.

COPY FOR OFFICIAL USE.

FORM 1090.

REGISTER N 193 .

3643

3643

CUMBERLAND.

HIGH MOSS

PORTINSCALE

1931 — 40

78 04 03

Kept at High Moss, Portin

in the County of Cumberla

Diameter of Funnel of Gauge 5 in

Height of top of Gauge above Ground

,, Ground ,, Sea Level 285 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01			·02	·03.	·01.	·09.	Tr	·30	·69			1
2		·07		·14.		·86	·06.		·95	·13	2·44	2·24	2
3		·01				·04.	·44.		·4	23.	4·64.	·2.	3
4				·39.	·02		·01		·14.	·07	·08	·13	4
5		Tr			·2	·55.	·01	·01		·03	·01	·96	5
6		·18	Tr		·01.	·28.	·46		·2	·74	·4		6
7	·14.	·26	·03	Tr	·02	·38.	·58	·32.		·17	·1	·28.	7
8		·22	Tr	Tr	—	·02.	·15	·04.		·19	·11	·03.	8
9	·05.	·44	·06	·03.	·06.	·14.		·47	·04	1·05	·34.	·02.	9
10	·11	·25	·01.		1·66.	·9.		·05.	·01.		·4.		10
11	·64.	1·25		·09.		·01.	·37.		·29.	·04.	·47		11
12	·03	·02	·03	·06.	Tr	Tr.	·17.				·1		12
13	·06		·76	·04.	·42.	·02.		Tr		·08	·14	·01	13
14	·03	·04.	·05		·07	2·14.	·25	·13	Tr		·46	·07	14
15	·07	·43		·18.	Tr	·89.	·74.	·01	·02				15
16	·61	·12.		·56		·38.	·14.	·96	·14.				16
17	·01	·05		·2	1·01.	·22.	·68	·56			·18		17
18	·32.			·03.		·19.	·2	·07		Tr	·66		18
19	·11.	·5	·01			·01	·29.	1·15.	·02.	Tr	·02	Tr	19
20	Tr.	·26	·01.			·02		·07			·19	·01	20
21	·21	·19	·1	·01	↑	·1	Tr	·28					21
22	1·06.	·16	·05.	·17	·1. ↑	·16	·69.				·23	·02	22
23	·68.	·34		·39.	·12. ↑	·22.				·02	1·31	·88	23
24	·64	·43		·25.	·2. ↑		·05				·41	·1	24
25	·05.			·30.	·17		Tr				·11		25
26	·01			·13.	·02.		·04.			·02	·62	·01	26
27	·43.	·07		·15.		·02.	1·08.			·3	·18	·09.	27
28	·37	·01		·08	·3		·47				Tr	·2.	28
29	·05.	·01			·05.	Tr.	·95.			·58	·03		29
30	·03	×			·17.		·01		·13.				30
31	·58	×		×		×	·03		×	·12.	×	·36.	31
TOTAL	6·30	5·31	1·11	3·22.	4·63	7·56	7·96	4·12.	2·64.	4·46	13·63	5·61	YEAR'S TOTAL 66·55.
*Days with ·01 in. or more.	24.	22.	10	19.	18	22.	24	13	12	16	24.	17	221.
*Days with ·04 in. or more.	18	18.	5.	15.	13.	15	20	11.	9.	13	21	11	169

40-9999

(Signed) Katharine J Brown.

[P.T.O.

*See Instruction 2 (*f*) on other side.

8642

Section **A** for the entry of Daily

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at High Moss, Portinscale.
in the County of Cumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft in.
,, Ground ,, Sea Level 285. ft

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·01			·02	·03.	·01.	·09.	Tr	·30	·69			1
2		·07		·14.		·86	·06.		·95	·13	2·44	2·24	2
3		·01				·04.	·44.		·4	23.	4·64.	·2.	3
4				·39.	·02		·01		·14.	·07	·08	·13	4
5		Tr			·2	·55.	·01	·01		·03	·01	·96	5
6		·18	Tr.		·01.	·28.	·46		·2	·74	·4		6
7	·14.	·26	·03	Tr	·02	·38.	·58	·32.		·17	·1	·28.	7
8		·22	Tr	Tr	–	·02.	·15	·04.		·19	·11	·03.	8
9	·05.	·44	·06	·03.	·06.	·14.		·47	·04	1·05	·34.	·02.	9
10	·11	·25	·01.		1·66.	·9.		·05.	·01.		·4.		10
11	·64.	1·25		·09.		·01.	·37.		·29.	·04.	·47		11
12	·03	·02	·03	·06.	Tr	Tr.	·17.				·1		12
13	·06		·76	·04.	·42.	·02.		Tr		·08	·14	·01	13
14	·03	·04.	·05		·07.	2·14.	·25	·13	Tr		·46	·07	14
15	·07	·43		·18.	Tr	·89.	·74.	·01	·02				15
16	·61	·12.		·56		·38.	·14.	·96	·14.				16
17	·01	·05		·2	1·01.	·22.	·68	·56			·18		17
18	·32.			·03.		·19.	·2	·07		Tr	·66		18
19	·11.	·5	·01			·01	·29.	1·15.	·02.	Tr	·02	Tr	19
20	Tr.	·26	·01.			·02		·07			·19	·01	20
21	·21	·19	·1	·01	↑	·1	Tr	·28					21
22	1·06.	·16	·05.	·17	·1. ↑	·16	·69.				·23	·02	22
23	·68.	·34		·39.	·12. ↑	·22.				·02	1·31	·88	23
24	·64	·43		·25.	·2. ↑		·05				·41	·1	24
25	·05.			·30.	·17		Tr				·11		25
26	·01			·13.	·02.		·04.			·02	·62	·01	26
27	·43.	·07		·15.		·02.	1·08.			·3	·18	·09.	27
28	·37	·01		·08	·3		·47				Tr	·2.	28
29	·05.	·01			·05.	Tr.	·95.			·58	·03		29
30	·03	×			·17.		·01		·13.				30
31	·58	×		×		×	·03		×	·12.	×	·36.	31
TOTAL	6·30	5·31	1·11	3·22.	4·63	7·56	7·96	4·12.	2·64.	4·46	13·63	5·61	YEAR'S TOTAL 66·55.
*Days with ·01 in. or more.	24.	22.	10	19.	18	22.	24	13	12	16	24.	17	221.
*Days with ·04 in. or more.	18	18.	5.	15.	13.	15	20	11.	9.	13	21	11	169

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Katharine J Brown.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3643

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at High Moss Portinscale
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level 285 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·6	·1		·41			·07	·01	1·57	·15	·22	·91	1
2	1·32			·01	·32	Tr	·47	·01	·55	·03	·13	·29	2
3	·27			·02			·25	·02	·37		·35	·52	3
4	·49			Tr	Tr		·66	·02	·03	·04		·09	4
5	1·4		·07	·27	·07	Tr	Tr		·32	·01			5
6	·32		·39	·81	·05				·06	·86			6
7	·01		·25	·3	·04	·01			·18	·8			7
8	2·47		·75	·26	Tr				·54	·45			8
9	·31	·02		1·31	·01				·22	·18		Tr	9
10	·01	Tr	·01	·31					1·23	·2		Tr	10
11	·05	·01		·07	·35		·25	·08	·09				11
12	1·47				·80		2·7	·06	Tr	·7			12
13	·09			·56	·17		·12		·77	·42		·07	13
14	·96			·03	Tr							·52	14
15	1·3			·01	·41			Tr		·12	·03	·34	15
16	1·34						·04			·12		3·09	16
17	·09						·08			·9		1·32	17
18	·1				·49			·01				·58	18
19	·02		·02	·23	·21		·09		·03	·09		·23	19
20	·05		·02	·41	·01		·01	·72		·33	·11	·09	20
21	·23		·42	·06			·14	·07		1·3	·26	·39	21
22	·02		·14	·29			·18			·3	·77	·59	22
23	·11			·04			·05			·11	·64	·37	23
24					·05		·02		·67	·01	·12		24
25				·1	·17	·06	·12		·26	·71	·71	·02	25
26			·02		·04	·03	·76	·03	·35	·23	·13	·03	26
27			·53	·05		·95	·7			Tr	·01	·22	27
28			·18	·08	·23	·04	·09	·01		·03		·09	28
29	·01		1·13	·17	·02	·16	·84	·05	·02	·75	·38	·35	29
30		×	·16	·08	·04	1·42	·34	·31	·23	·54	·13		30
31	·02	×		×		×	Tr	·06	×	·01	×	·24	31 70.02
TOTAL	13·06	·13	4·09	5·88	3·48	2·67	8·03	1·46	7·49	9·39	3·99	10·35	YEAR'S TOTAL ~~69·72~~
*Days with ·01 in. or more.	25	3	14	24	18	7	21	14	18	26	14	21	205
*Days with .04 in. or more.	19.	1.	10	19	15	5	19	7	15	21	12	19	162

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Katharine J. Brown

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3643.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at High Moss. Portinscale

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 285 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·39	·1	·11	·05		·04			·01		·38			1
2	2·68	·03	·08	·04		·8		Tr						2
3	·15	·56	·15	·03	·26						·04			3
4	1·2	·93	·37		·29						·06			4
5	·17	·18	·90		·22						·02			5
6	·01	·14	·21		·35						Tr	Tr		6
7	·32	·3	·30		·05		·75	·05	*	·51				7
8	·12	·1	·42	·54	·08	·11	·18	·02		·29	Tr			8
9		·93		Tr	·17		·8			1·33	·14			9
10	·32	·01				·14	·37			·19		·01		10
11	·03	Tr		·09	·02		·2			·81		·07		11
12		·01				·02	·14			·06	·05	·01		12
13	·84		·07		·16		·23	·15	·1	·32	·22			13
14			·17				·03	·01		·02	·37			14
15	·04		·47	Tr	·02	·07	·12	·27		·75	·09	Tr		15
16	·05	·01	·46	·17	·12	·4		·15		12	·03	·02		16
17	·03	Tr	·27	·01		·69	Tr	·4	·25	·02	·24			17
18	·01	Tr	·11			·31		·15			·03	·08		18
19			·09	·01$^{\text{Sn}}$		·05			·14		·22	·01		19
20		·13		·03$^{\text{SL}}$	·27	·02		·28	·06	Tr				20
21		·01						·18		·01				21
22				·19	·68			·01		·04				22
23		·01						·01		Tr				23
24		·57		·32	·3	·02	·06	·01	·13			·03		24
25		·90			·04		·04		·19			·03		25
26		·70		·12				Tr	·16	·3	Tr			26
27		·17		·02	·08		·3	·01		·14		·01		27
28		·05					·08	·82		·22		·02		28
29			·03	·09	·01		·14	·03		·08		·06		29
30	·09	✕		·09			1·04			·24		·16		30
31	3·3	✕		✕		✕	Tr	·26	✕	·1	✕	·06		31
TOTAL	9·66	5·84	4·21	1·80	3·12	2·67	4·48	2·81	1·04	5·55	1·89	·57	Year's Total 43·64	
*Days with ·01 in. or more.	17	20	16	15	17	12	15	17	8	19	13	13	182	
*Days with ·04 in. or more.	13	14	15	10	14	9	14	10	7	16	10	5	137	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Kateannie J. Brown

[P.T.O.

File No. 741920/27

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Section **A** for the entry of Daily Observations. Station No. 3643

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934

Kept at High Moss Portinscale
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft. in.
,, Ground ,, Sea Level 285 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·35		·33					·83				·2		1
2	·01		·15					·14	·22		·28	·23		2
3	·74		·03					·67	·29	·27	·19	·15		3
4	·37		·12		·04			·08	·02	·65		·64		4
5	·09		·09		·47	Tr		Tr	·11	·18		·21		5
6	1·14	Tr	·04		1·07			·11		·38		·05		6
7	1·09	·09	·14	·39	·02	·01		·18	·19	·05	·01	·42		7
8		·01	Tr		·05	Tr			·1	·4		1·72		8
9	·75		·03	·19				·05	·22	·09	·45	·46		9
10	·7		·15	·02				·09	·25	·08	·05	·11		10
11	·76		·11	·4				·22	·01	·02	·02	·21		11
12	·04		·09	·68			·01	·03		·02		·13		12
13	·23		·02	·17	·13		·48	Tr		·15		·08		13
14	·48		·45	·09	·04	·27				·53		·33		14
15	·52		·08	·13	·85	·01	·05	·09	·04	·16		·08		15
16	1·16		·65		·35				·06	·02		·11		16
17	·21		·15	·31	·48		·32		·58	·01		·72		17
18	·54		·1	·12	·33	·55		·11	·15	·01		·8		18
19		·02	·04	·03	·79	·28	·04	·11	·35	·4	·03	·08		19
20	·01		Tr	·3	·23	·01	·02	·64	·15	·03	·01			20
21	·01		·11	·02	·04	·28	Tr	1·	·13	·72	Tr			21
22	·01		·01		Tr	·36	·02	·28	·62	·13	·07			22
23	·02		·06	·38			·04	·18	Tr	·54	·12	·03		23
24		·15		·09	·11		·01		·14	·72	·01			24
25	·3	·03	·09	·2			·12		·6	1·03	·06	·61		25
26	·2			·19		·2	·19		·87	·78		·38		26
27				·06		·47	·09	·12	·15	·29	Tr	·41		27
28				·01		·6	·08	1·45	·14	·36		·43		28
29							·18	·35	·1	·08		·23		29
30	·35	×		Tr			·01	·05	1·51	·15		·62		30
31	·01	×		×		×	·01		×		×	·22.		31
													Year's Total	
TOTAL	10·09	·3	3·04	3·78	5·00	3·04	1·67	6·78	7·00	8·25	1·30	9·66	59·91	
*Days with ·01 in. or more.	25	5	22	19	15	11	16	21	24	28	12	27	225.	
*Days with ·04 in. or more.	19.	2	18	15	14	8	10	20	22	22.	7.	26	183.	

40-9999
*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Katharine T Brown [P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3643

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at High Moss PORTINSCALE

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 285 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·65	·5					·16		1·71	·15	·09	·28		1
2		·11	·03			·13	·02		·61	·34	·18	·04		2
3	·02	·33	·05	·08 s		·09	·14		·12		·45	·15		3
4		·07	·11	Tr		·28	·18		·11	·05		·3 s		4
5		·33	·06	Tr		·3	·03		·04	·03	·27	·1		5
6	·04					·53				·02	·18			6
7				·1		·18				·72	·02	·25		7
8	Tr	·01		·27		·67				·23	·02	·17		8
9	·05	·02		1·05						1·07	·13			9
10	·28	·17		·14		·18				·33	·07			10
11	·75	·35				·65				·37	·31			11
12		·33		·06		·05		·14	·12	·11	·05			12
13	·13	·05		·06	·41	·06			·2	·5	·2			13
14		·28			Tr	·17	Tr	~~·14~~	·17	·2	·13	·18		14
15		·79		·31	·16	·06		·02	·72		·2	·29		15
16	·01	1·1	·12	1·2	·32	·16	·18		·68	·02	·12			16
17		·01		·35		·18	·01		·2	·39	·23			17
18		·65			·01	Tr	·07	·06	·89	1·25	·05			18
19		1·5		·11		·15	·85	·05	·07	·59	·04			19
20		·7		·23		·05	·01		·03		·03			20
21		·5	·23	·1		·01			·7	·26	·01	·02		21
22		·13	·35	·05		·14			·02		·01			22
23	·16	·11	·08	·05		[illegible]	·01		·03	·14				23
24	·33	·55	·07						·47	·02	Tr	·24		24
25	·52 s		·01				·02			·04	·56	·14		25
26						·31	Tr	1·48	·14	·37	·05	·28		26
27		·43				·07	·17	·07	·21	·65	·85	·12		27
28	·05	·7						·03	·32	·54	·11	·01		28
29	Tr		·14			·02		·45	·74	·68	·13	·31		29
30			Tr	·07		·39		·38	1·	·97	·52	·02		30
31	·36		Tr					Tr		·45		·54		31
TOTAL	3·35	9·72	1·25	4·23	·9	4·83	1·85	2·68	9·30	10·49	5·01	3·44	Year's Total 57·05	
* Days with .01 in. or more.	13	24	11	16	4	23	13	9	23	27	27	18	208	
* Days with .04 in. or more.	11	21	9	16	3	21	7	7	20	23	22	15	175.	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) Katharine J Brown [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3643

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at High Moss Portinscale

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 285 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·13	·14	·07	·01		Tr	·59	·38	·16		·22	·27		1
2	·01					·01	·01	·04	·18		·08	·05		2
3	·01					·82		·06	·33		·02	·14		3
4	·88	·08	·22				·01	·05	·62		·46	·66		4
5	·69	·02	·05			·01	·	·57	·37	·02	·36	·5		5
6	·1		·08		·05	·02	·61	·07	·84		·38			6
7	Tr		·17				·01		·74		·82	·15		7
8	·70		·3					·01			·19			8
9	1·52		·05			·02	Tr	·01	·26		·52			9
10	·75						·49	Tr	·02		·64			10
11	Tr			·06		·09	·15	·11	·25		·31	·26		11
12				·05	Tr	·02	0·1	·01	·36		·4	·09		12
13				·1	·08		·04	·03	·04	·25	·19	2·57✓		13
14				·03		·48	Tr	·08	·88	·01	·65	·7		14
15			·03	·03	·16	·24	·08	·01		·05	·42	·87✓		15
16			·08	Tr	·1	·33	·02			·43	·46	·02		16
17	·17	·52	·01	·03	·04	·04	·34	·08		·43	·11	1·2✓		17
18	·~~23~~	·71		·08	·01		·22	·46		·91		·02		18
19	·23	·24					·26	·03		·16		·07		19
20	·75	·31	·20			·02	·13			·09		·31		20
21	·66	·13	·1	Tr	Tr	·15		Tr		·11		·18		21
22	·15	·56	·08		Tr	·61	·09			·06		Tr		22
23		·07	·05	·05	·02		·89	·01		·08				23
24				·33	·40		1·29		1·24	1·79	·01			24
25	·25			·09			·35		·32	·37		·05		25
26	·54	·09	·09	·03			·05		·08	·54				26
27	·36	·06	·02				Tr		·03	·38				27
28	·09	·22	·11	·01	·02		·2				·05	·01		28
29	·06	·4	·71		·02	·59				·28	·09	·04		29
30	·08	✕	·07		·12	·12	·44			·14	·03	·67		30
31	·03	✕	·02	✕	·04	✕	·03	Tr	✕		✕	·48		31
													Year's Total	
TOTAL	8·16	3·55	2·51	·90	1·06	3·57	6·40	2·01	6·72	6·10	6·41	9·27	56·66✓	
* Days with .01 in. or more.	21	14	20	13	12	16	23	17	17	18	21	22	214✓	
* Days with .04 in. or more.	18	13	16	7	8	10.	18	10.	15	16	18	18	167.✓	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Katharine J. Brown [P.T.O.

File No 741926/27

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3643

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at High Moss PORTINSCALE

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 285 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	·01	·4				·22		·87	·11		·12		1
2	·32	·93	·07	·22		·14	·21		·2	Tr		·04		2
3	·29	1·	·12	·01	·01	·41	·33		·85			·05		3
4	·74	·01	·03	·11	·2	·11	·01		·87		·01	·44		4
5	1·32			·12	·05	·33	·13	·02	·08			·14 sn		5
6	·08			·08	·04	·2	·02	Tr	·17					6
7	·05	·19		·42		·01	·01		·09	Tr		·05 sn		7
8	·13	·23		·07		·15	·2	·03						8
9	·15	·32		·21	·02	·03	·42	·11						9
10	·01	·26			·1	·02	·01					·47 sn		10
11	·15		·5			·02			Tr			·03 sn		11
12	1·38	·14	·32	·07	·02	·09	·02	·53	·15	·01		·32 sn		12
13	·06	·07				·67		·87	Tr	·02		·19 sn		13
14		·13		Tr			·35	·28	·14	·01		·32 sn		14
15	·5	·84	·12	·14					·43	Tr		·01 sn		15
16	·11	·53	·7	·24	Tr			·29						16
17	·71	·04	·09	·16				·01	·23					17
18		·18	·13	·01			·03	·37			·22			18
19	·05	·5	·16	·2	·02	·02		·02			·22			19
20	1·08	·16		·08	·49	·01	·12			·02	·23	·07		20
21	·62	·11	·12	·1	·04		·45		Tr	·16	·02	·17		21
22	·53		·11	·03	·68	·06	·28			·17	·02	·56		22
23	·19		·04	·01	·08		·27		·1	1·18		·13		23
24	·78	·08	·15		·06	·01	·02		·16	·34		·14		24
25	·04	·75	·06					·04		·31		·01		25
26		·28		·01	·26				Tr	·19	Tr			26
27		·94		·15	·01	·01			·1	·39		·02		27
28	·02	·01			Tr	·07	·13			·06				28
29	·01				Tr	·04				·18	·08	·01		29
30	·28	✕				·05		·3	·35	·18	·23			30
31	·19	✕		✕	·05	✕		·76	✕	·09	✕			31
													Year's Total	
TOTAL	9·82	7·71	3·12	2·44	2·13	2·45	3·23	3·63	4·79	3·42	1·03	3·29	47·06	✓
* Days with .01 in. or more.	27	23	16	20	16	20	19	13	15	16	8	20	213	✓
* Days with .04 in. or more.	23.	20.	15	15	11	12.	12.	9.	15	12.	5	15	164	✓

† Spare column, no entries required.

(*Signed*) Katharine T Brown [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE File No 741920 /27.

Station No. 3643

Section A for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at High Moss Portinscale

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 285 ft.

[illegible] Write ?

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·22	·02	·01		1·45	·08		·16		·19	·16		1
2		·06		·66		·91	-		·23	2·31	·35	·18		2
3	Tr	·07		Tr		·03	·28		·22	2·73	·45	·		3
4	·01	·05		·04		·08	·05		·	·47	·02	·84		4
5	·06	·03		-		·2	·08	Tr	·09	·53	Tr	·03		5
6	·33	Tr		-		·89	·03	·06	·27	1·52	·02	·11		6
7	·04	-				-	·6	·25		·39	·16	·02		7
8	·1	·2				Tr	·17	·28		·65	·12	·16		8
9	·17	·07	·01	..	·02	·25	·01			·02		·56		9
10	Tr	·01				·08	·2		Tr	·35		·22		10
11	·26	·06			·24	·01	·08		·02	·44	·37	·33		11
12	·73	-			·44		·01			·64	2·99	·17		12
13	·03	-			·1		·55	·02	·15	·24	·3	·12		13
14	1·53	-			·07		-			Tr	Tr	·03		14
15	·85	-	·47		·3		Tr	·48		·3	-			15
16	·56	Tr	·06		·27		·	·37	·67	·42	·09	Tr		16
17	Tr	·	·22		·23		·03	·5	1·22	·9	·02			17
18	·29	·	·2			·06	·	·47	·01	·18	·86			18
19	-	·	·88				·01	·3	·01		·13	·01 s		19
20	1·03	·	·88					·17	·05		·04	Tr		20
21	-	·		·02	·1	·04		·11	·14		·32			21
22	-	·			·09	·01	·		-	·01	·78	Tr		22
23	·24	·	·09		·45	·19		·07	·06		·37			23
24	·62	·08	·27		Tr	·23		·03	·29	·14	·27			24
25	·09	·64	·09	Tr	·25	·02	·9			·11	·13	·04		25
26	·11	·3	·17		·38	1·01	·09			·47	·1	·04		26
27	·14				·29	·52	·53	·2		·04	·41	-		27
28	·24	·18	·05		·31	1·54	·12		·02	·02	·19	·1		28
29	·08		·04	Tr	·3	·12	1·97		·01	·08	·51	·27		29
30	·13	✕	-			·08	·64		·14	·05	·44	·08		30
31	·67	✕	Tr	✕	·21	✕	·04		✕	·78	✕	·42		31
TOTAL	8·31	1·97	3·45	·73	405	7·72	6·47	3·31	3·76	13·79	9·63	4·24	Year's Total 67·43	✓
* Days with .01 in. or more.	23	13	14	4	17	20	21	14	18	25	25	21	215	✓
* Days with .04 in. or more.	21	11	12	2	16	16	16	12	13	22	22	17	180	✓

† Spare column, no entries required.

(*Signed*) Katharine T. Brown

* See Instruction 3 (f) on other side.

P.T.O.

COPY FOR OFFICIAL USE File NO 741920 / 27.

Section **A** for the entry of Daily Observations Station No. 3643

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at High Moss. Keswick

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 285 ft.

*on Aug 8th '39 fell between 5.45 & 6.30 pm.
Letter written 28/6/40 re exposure.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

1939.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·35		1·62	·05			·16	·11	·03	·02		·38		1
2			·84	·05			·35	·69	·24		·02	·07		2
3	Tr		·17	·04			·02	·04	·5		·07	·67		3
4	Tr		·45		·01		·28			·02	·01	·03		4
5		·44	·07		·1		·66			·4	·57			5
6	·45	·6	·08				·35				·2	Tr.		6
7	·6	·34	·44		·01		·13		·03		·26	·05		7
8	·96	1·45	·37	·32			·13	·39*	·04	·02	·99	·25		8
9	·42	·09	-	Tr			·09	·44	·07	·3		·53		9
10	·19	·01	·01			·3	-	·52	·38	·7	·12	·1		10
11	·06	·24	·39		·01	·34	-	·06		·19	·11			11
12	·12	·09	·	·18		-	·07	·01	·16.					12
13	·17			·3	·17	·01	·39		·01	·01	·37	~~Tr~~		13
14	1·3		·05	·21	·4	·65	·1			·07	1·23			14
15	·96	·02	·04	·72	·01	·52	·14				·22			15
16	·89	·02	·01	·11	·03	-	·53				·08			16
17	·3	·07	·02	·02	Tr	·38	-							17
18	·09	·16	·14			·05	·15				·49			18
19	·11		-				·35	·34						19
20	·01	·25			·04	·05	·26							20
21	·1	·81	·16	·21	·01		·	·31	Tr	·01				21
22	·15	·38	·13	·1			·03			·07	·64			22
23	·09	·35	·04	·1		·07	·17			·07	·03	Tr.		23
24	·01	·37	·	·14							·07	·02		24
25	·14	·06	·02	·16.				Tr.			1·14			25
26	-	·11	·02	·01	·02			·05		·26	·04			26
27	·01	·51	Tr	Tr.		·6	·11	Tr		·03	·13	·07 snow		27
28	Tr.	·1	·09	·09		1·18	1·18	Tr.			·69			28
29			·03			·42	·35			·22	·38			29
30		✕				·06	·97			Tr	·82	·01		30
31		✕		✕		✕	·42		✕	·01	✕			31
TOTAL	7·48	6·47	5·19	2·81	·81	4·63	7·39	2·96	1·46	2·4	8·68	2·18	Year's Total 52·46	
* Days with .01 in. or more.	22 ~~23~~	21	22	17	11	13	24	11	9	16	23	11	200	
* Days with .04 in. or more.	19.	18	~~17~~ 16	15	14	12	22	10	6	9	20.	8	159	

† Spare column, no entries required

*See Instruction 3 (f) on other side.

(Signed) Katharine J. Brown [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3643

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 090

REGISTER OF RAINFALL IN 1940.

Kept at High Moss Ashrey

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 285 ft.

Entries on Sept 24th–30th estimated from nearby stations

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	–	–	–	·36	–	–	·02	–	–					1
2	–	–	–	·03	–	–	·13	–	–					2
3	–	·23	–	·06	–	–	·13	–	–					3
4	–	·12	–	·14	–	–	·12	–	·02					4
5	–	–	–	–	·19	–	·05	–	–					5
6	·01	·03	–	·07	–	–	·15	–	–					6
7	·05	·01	–	·27	·03	–	·01	·15	·19					7
8	–	–	·08	–	–	–	·02	·17	·19					8
9	–	–	·15	–	–	–	1·07	·49	·15					9
10	–	–	·06	–	–	–	1·16	·13	–					10
11	–	–	·61	·05	–	–	·8	–	·02					11
12	–	–	·71	–	–	–	·01	·05	·71					12
13	–	·03	·02	·01	–	–	·08	·02	·19					13
14	–	–	·08	·29	–	–	·13	·08	·01					14
15	–	–	·07	·15	·25	–	–	–	–					15
16	·53	–	·02	·01	–	–	·25	–	1·40					16
17	–	–	·14	–	–	–	·45	·05	·67					17
18	·63	–	·57	·11	–	–	·23	·26	·76					18
19	–	·09	·73	·12	–	–	·08	–	·59					19
20	–	·01	·15	·13	–	–	·03	·29	·12					20
21	–	–	·11	·15	–	·59	–	·03	·06					21
22	–	·28	·08	–	–	·27	Tr	·03	·31					22
23	·2	·24	·18	·11	·05	–	·2	–	·14					23
24	·51	·02	–	–	–	·01	·13	–	–					24
25	·32	–	–	–	·51	·07	·01	–						25
26	–	·4	·06	–	·02	Tr	–	·29	·15					26
27	·44	·18	·01	·06	·05	–	·02	–	–					27
28	·32	·09	–	–	·3	–	Tr	·15	–					28
29	–	–	·19	·04	–	–	·12	–	–					29
30	–	✕	·08	–	Tr	–	–	–	–					30
31	–	✕	·76	✕	Tr	✕	–	·02	✕		✕			31
TOTAL	3·01	1·73	4·86	2·16	1·4	·94	5·4	2·21	5·68				Year's Total	
* Days with .01 in. or more.	9	13	21	18	8	5	24	15	17					
* Days with .04 in. or more.	8	8	18	15	6	3	17	11	14					

1·08

[illegible] removed. from High [illegible]

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

BRAITHWAITE (SPRING BANK)

3643/2

3643/2
CUMBERLAND
SPRING BANK.
BRAITHWAITE
1938 — 40
78 07 03

FORM 1090.

B Monthly Summary.

of Station.

. The following register of monthly totals &c., is NOT required if daily or weekly values are given on the other side.

n this section and also the space for

relating to this register should be sent :—

Braithwaite, Keswick

er 9 a.m. in Summer 9 a.m.

RAINFALL IN 1938.

At Spring Bank, Braithwaite

In the County of Cumberland /2

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 ft. – *in.*
- *Height of Ground above Sea Level* 280 *ft.*

Nearest Railway Station Braithwaite Distance ¼ mile Direction from gauge E

Nearest Parish Church at Thornthwaite Distance ¾ mile Direction from gauge N

Nature of objects nearest to gauge	Tree (P. Hork)	Tree (Cypress)	Tree (Pine)	Tree (Beech)
Height of objects	7 ft	30 ft	45-50 ft	45-50 ft
Distances ...	21 ft	55 ft	75 ft	75 ft
Directions from gauge ...	S by W	S	W	N by W

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·04	1·70	14	25	23
FEB.	3·26	0·85	25	13	12
MAR.	4·74	1·19	15	17	15
APRIL	0·80	0·67	2	3	2
MAY	4·53	0·61	23	17	16
JUNE	10·95	2·75	1	19	17
JULY	9·29	3·02	29	21	18
AUG.	3·90	0·68	17	12	12
SEPT.	4·34	1·47	18	18	14
OCT.	19·78	2·96	3	24	23
NOV.	13·06	0·91	18	26	24
DEC.	5·87	0·74	29	21	19
TOTAL	90·56	average 5 yrs 1933-37 61·5 in.		216	195

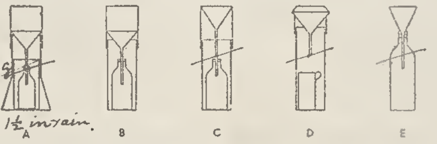
If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

Old M.O 8" pattern (copper) used at Newton Rigg Penrith, until 1932 copper can, capacity 1½ in rain.



Rain measure 8" gauge M.O. 755.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print
~~GB~~
25/4/39

M.O 7
-4 APR 1939

9.03957/39

Signature J. Smith Hill

J. SMITH HILL ESQ

* See Instruction 3 (*f*) below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

BRAITHWAITE (SPRING BANK)

3643/2

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Spring Bank, Braithwaite

In the County of Cumberland /2

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 ft. – in.
- *Height of Ground above Sea Level* 280 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·04	1·70	14	25	23
FEB.	3·26	0·85	25	13	12
MAR.	4·74	1·19	15	17	15
APRIL	0·80	0·67	2	3	2
MAY	4·53	0·61	23	17	16
JUNE	10·95	2·75	1	19	17
JULY	9·29	3·02	29	21	18
AUG.	3·90	0·68	17	12	12
SEPT.	4·34	1·47	18	18	14
OCT.	19·78	2·96	3	24	23
NOV.	13·06	0·91	18	26	24
DEC.	5·87	0·74	29	21	19
TOTAL	90·56	average 5 yrs 1933–37 61·5 in.		216	195

Signature J. Smith Hill

J. SMITH HILL ESQ

* See Instruction 3 (*f*) below.

of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. Smith Hill
Spring Bank, Braithwaite, Keswick

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Braithwaite Distance ¼ mile Direction from gauge E

Nearest Parish Church at Thornthwaite Distance ¾ mile Direction from gauge N

Nature of objects nearest to gauge	Tree (P. Hork)	Tree (Cypress)	Tree (Pine)	Tree (Beech)
Height of objects	7 ft	30 ft	45–50 ft	45–50 ft
Distances ...	21 ft	55 ft	75 ft	75 ft
Directions from gauge ...	S by W	S	W	N by W

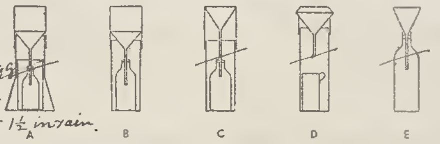
If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

Old M.O. 8" pattern (copper) used at Newton Rigg Penrith, until 1932 copper can, capacity 1½ in. rain.



Rainmeasure 8" gauge M.O. 755.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

~~[illegible]~~
~~Print~~
GB
25/4/39

M.O. 7
-4 APR 1939

903957/39

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3643/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Spring Bank, Braithwaite

in the County of Cumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 280 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·28	0·02	1·13	0·03	–	–	0·29	0·08	0·02	0·01	0·01	1·09		1
2	–	–	0·63	0·05	–	–	0·44	0·72	0·21	–	0·02	0·15		2
3	–	0·03	0·48	0·02	–	–	0·01	0·04	0·46	–	0·09	0·77		3
4	–	–	0·58	–	0·02	–	0·26	~~0·04~~	0·03	0·01	–	0·07		4
5	–	0·62	0·05	–	0·10	–	0·63	–	–	0·38	0·91	–		5
6	0·44	0·72	0·11	–	–	–	0·42	–	–	–	0·21	–		6
7	0·98	0·41	0·41	–	–	–	0·20	–	0·06	–	0·28	0·04		7
8	1·64	2·00	0·51	0·50	–	–	0·32	0·04	0·04	0·02	1·06	0·39		8
9	0·83	0·30	–	0·03	–	–	0·12	0·51	0·13	0·38	–	0·64		9
10	0·13	0·04	–	–		0·35	–	0·75	1·07	0·57	0·18	0·18		10
11	0·05	0·50	0·45	–	0·02	0·47	–	0·17	0·01	0·12	0·18	–		11
12	0·20	0·13	–	0·15	–	–	–	–	0·16	0·01	–	–		12
13	0·32	–	0·02	0·59	0·23	0·02	0·63	–	0·04	–	0·62	–		13
14	1·49	–	0·04	0·31	0·46	–	0·09	–	–	0·10	1·13	–		14
15	1·24	0·04	0·06	0·76	0·01	0·70	0·17	–	–	–	0·23	–		15
16	1·12	0·06	0·02	0·15	0·06	–	0·74	–	–	–	0·10	–		16
17	0·38	0·34	0·03	0·01	–	0·70	–	–	–	–	tr	–		17
18	0·07	0·28	0·15	–	–	0·04	0·17	0·12	–	–	0·65	–		18
19	0·10	–	–	–	–	–	0·70	–	–	–	–	–		19
20	0·01	0·10	0·02	–	0·07	0·08	0·46	–	–	–	–	–		20
21	0·12	1·00	0·36	0·19	0·01	–	–	0·39	–	–	–	–		21
22	0·16	0·32	0·21	0·13	–	–	0·06	–	–	0·10	0·86	–		22
23	0·17	0·76	0·05	0·31	–	0·11	0·25	–	–	0·09	0·07	–		23
24	–	0·55	–	0·19	–	–	–	–	–	–	–	0·04		24
25	0·14	0·09	–	0·20	–	–	–	–	–	–	1·71	–		25
26	–	0·11	–	0·03	0·05	–	–	0·09	–	0·11	0·01	–		26
27	–	1·12	–	–	–	0·62	0·08	0·01	–	0·06	0·11	0·06		27
28	–	0·08	0·09	0·07	–	1·33	1·28	0·01	–	–	0·78	–		28
29	–	×	0·06	–	–	0·35	0·38	–	–	0·24	0·41	–		29
30	–	×	–	–	–	0·07	0·42	–	–	0·02	0·94	–		30
31	–	×	–	×	–	×	0·53	–	×	0·01	×	–		31
TOTAL	9·87	9·62	5·46	3·72	1·03	4·84	8·65	2·93	2·23	2·23	10·56	3·43	Year's Total 64·57	✓
* Days with .01 in. or more.	20	23	21	18	10	12	23	12	11	16	22	10	198	✓
* Days with .04 in. or more.	19	21	17	13	6	11	22	10	10	10	18	10	167	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J Smith Hill

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3643/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Spring Bank, Braithwaite

in the County of Cumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 280 ft.

File number 903957/39

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	-	0·58	-	-	0·05	-	-	-	0·27	0·42		1
2	-	-	-	0·05	-	.	0·20	-	-	-	0·97	0·23		2
3	-	0·19	-	0·08	-	-	0·07	-	-	-	-	0·09		3
4	-	0·18	-	0·16	-	-	0·21	-	0·03	0·12	0·02	0·63		4
5	-	.	-	-	0·30	.	0·07	-	-	1·60	0·10	0·98		5
6	0·04	0·03	-	0·13	-	.	0·16	.	-	0·51	0·16	0·14		6
7	0·03	0·01	-	0·55	0·06	.	-	0·22	0·36	0·07	0·01	-		7
8	-	-	0·13	-	-	.	-	0·28	0·54	1·61	0·49	0·22		8
9	-	-	0·48	-	-	.	1·20	0·65	0·35	1·67	0·73	0·43		9
10	-	-	0·03	-	.	.	1·08	0·39	-	0·26	0·47	0·23		10
11	-	0·01	1·38	0·06	.	.	0·91	-	0·01	-	1·40	-		11
12	-	-	0·93	-	.	.	-	0·06	0·90	-	0·29	-		12
13	-	-	-	0·04	-	.	0·09	0·05	0·26	.	0·57	0·10		13
14	-	-	0·20	0·59	-		0·16	0·13	0·02	.	0·05	0·64		14
15	-	-	0·12	0·13	0·36		-	-	-	0·20	0·19	0·55		15
16	0·01	-	0·03	0·01	-		0·32	.	1·79	0·15	0·07	0·63		16
17	-	-	0·15	-	.		1·36	0·08	0·57		0·14	0·12		17
18	0·23	0·02	0·70	0·12	-	.	0·43	0·38	0·82	.	-	0·85		18
19	0·32	0·09	0·82	0·13	.	.	0·14	-	0·72	.	0·87	.		19
20	-	-	0·45	0·14	.	-	0·03	0·52	0·29	0·24	0·35	.		20
21	-		0·13	0·10	-	0·93	-	0·03	0·08	0·02	0·02	.		21
22	-	0·30	-	-	.	0·33	-	0·10	0·47	.	-	.		22
23	0·25	0·26	0·23	0·11	0·05	-	0·16	-	0·17	.	0·27	.		23
24	0·60	0·02	-	-	-	-	0·10	-	-	.	0·03	0·01		24
25	0·01	-	-	-	0·48	0·08	0·01	0·04	-		0·02	.		25
26	0·06	0·24	0·01	-	0·02	.	-	0·37	0·02		0·38	.		26
27	0·12	0·19	-	0·11	0·08	.		-			0·20	.		27
28	0·08	0·07	Trace	-	0·54	.	.	0·21			-	0·31		28
29	0·15	-	0·28	0·03	0·03	0·15	0·26	-		0·02	0·02	0·31		29
30	-	✕	0·12					-		0·59		0·50		30
31		✕	0·91	✕		✕		0·03	✕	0·41	✕	0·02		31
TOTAL	1·90	1·61	7·10	3·12	1·92	1·49	7·01	3·54	7·40	7·47	8·09	7·41	Year's Total 58·06	
* Days with .01 in. or more.	12	13	18	18	9	4	20	16	17	14	25	20	186	
* Days with .04 in. or more.	9	8	15	16	7	4	18	14	13	12	19	18	153	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J Smith White

[P.T.O.

Section **A** for the entry of Dai

AIR MINISTRY.—

TISH RAINFALL ORGANIZATION. Cum A.

COPY FOR ~~OFFICIAL USE~~. 3643/5

/32

FORM 1090.

REGISTE IN 1931.

3643/5.

CUMBERLAND

KIRKFELL HOUSE

LORTON.

1931 — 39.

78 07 03

Cumb

raised to 1 ft. above ground 1932

not pattern E but funnel is

Kept at Kirkfell House, L

in the County of Cumberland

Diameter of Funnel of Gauge Five

Height of top of Gauge above Ground

,, Ground ,, Sea Level 403 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.01	-	-	.02	-	.03	.13	-	.25	.63	-	.01	1
2	-	-	-	.12	-	.79	.05	-	.98	.11	.91	1.01	2
3	-	-	-	-	-	.03	.81	-	.39	.22	2.68	.21	3
4	-	-	-	.19	.02	-	.02	-	.07	.11	.02	.10	4
5	-	.11	-	-	.08	.65	.05	.06	-	.06	-	1.04	5
6	-	.25	-	-	.01	.25	.04	-	.28	.76	.43	.21	6
7	-	.20	-	-	.05	.49	-	.33	-	.20	.07	-	7
8	.17	.17	-	-	-	.03	.78	.06	-	.06	.10	.03	8
9	.05	.17	-	.03	.12	.03	.14	.53	.08	.99	.24	.04	9
10	.15	.10	-	-	1.00	.34	-	.03	.02	-	.53	-	10
11	.65	.50	-	.11	-	.03	.43	.03	.30	.14	.33	.03	11
12	.07	.02	.15	.09	-	.04	.10	.01	.01	.13	.04	-	12
13	-	-	.44	.03	.23	.03	-	.17	-	-	.26	.08	13
14	.09	.04	.08	-	.05	2.17	.40	.12	.02	-	.33	.10	14
15	.03	.27	-	.23	-	.64	.36	.04	.05	-	-	-	15
16	.15	.07	-	.31	-	.07	.04	1.43	.21	-	-	-	16
17	.01	.06	-	.06	.57	.17	.65	.48	.02	-	.14	-	17
18	.21	-	-	.02	.07	.20	-	.05	-	.01	.47	-	18
19	.09	.60	.05	-	-	.03	.34	1.27	-	-	-	-	19
20	-	.11	.03	-	-	.09	-	.07	-	-	.17	.02	20
21	.26	.10	.15	.01	.08	.06	.02	.28	-	-	.02	-	21
22	.66	.16	.04	.12	.04	.15	.41	-	-	-	.04	.12	22
23	.34	.02	-	.18	.09	.33	-	-	-	-	.54	.98	23
24	.24	.41	-	.18	.08	-	.03	-	-	-	.54	.06	24
25	.03	.15	-	.17	.03	-	-	-	-	-	.05	.03	25
26	-	-	-	.07	-	-	-	-	-	.03	.54	-	26
27	.30	.05	-	.06	-	.04	.69	-	-	.21	.12	.02	27
28	.41	.03	-	.12	.44	-	.28	-	.03	-	.03	.07	28
29	.08	-	-	-	.04	-	1.31	-	-	.42	.02	-	29
30	-	X	-	.02	.05	-	.03	-	.08	-	-	-	30
31	.57	X	-	X	.03	X	.04	-	X	.28	X	-	31
TOTAL	4.57	3.59	.94	2.04	3.08	6.74	7.15	4.96	2.79	4.36	8.62	4.16	YEAR'S TOTAL 53.00
*Days with ·01 in. or more.	21	21	7	20	19	23	23	16	15	16	24	18	223
*Days with ·04 in. or more.	17	18	6	14	15	17	19	13	10	14	20	12	175

Put

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N

(Signed) R Wigham [P.T.O.

X R. WIGHAM ESQ X

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Dai /32 3643/5

AIR MINISTRY.— BRITISH RAINFALL ORGANIZATION. COPY FOR ~~OFFICIAL USE~~. [illegible]

FORM 1090.

REGISTER OF RAINFALL IN 1931.

[illegible]

Kept at Kirkfell House, Lorton,
in the County of Cumberland.
Diameter of Funnel of Gauge Five in.
Height of top of Gauge above Ground ft 4½ in.
,, Ground ,, Sea Level 403 ft.

Gauge raised to 1 ft. above ground January 1932
Gauge not pattern E but funnel is like B.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.01	-	-	.02	-	.03	.13	-	.25	.63	-	.01	1
2	-	-	-	.12	-	.79	.05	-	.98	.11	.91	1.01	2
3	-	-	-	-	-	.03	.81	-	.39	.22	2.68	.21	3
4	-	-	-	.19	.02	-	.02	-	.07	.11	.02	.10	4
5	-	.11	-	-	.08	.65	.05	.06	-	.06	-	1.04	5
6	-	.25	-	-	.01	.25	.04	-	.28	.76	.43	.21	6
7	-	.20	-	-	.05	.49	-	.33	-	.20	.07	-	7
8	.17	.17	-	-	-	.03	.78	.06	-	.06	.10	.03	8
9	.05	.17	-	.03	.12	.03	.14	.53	.08	.99	.24	.04	9
10	.15	.10	-	-	1.00	.34	-	.03	.02	-	.53	-	10
11	.65	.50	-	.11	-	.03	.43	.03	.30	.14	.33	.03	11
12	.07	.02	.15	.09	-	.04	.10	.01	.01	.13	.04	-	12
13	-	-	.44	.03	.23	.03	-	.17	-	-	.26	.08	13
14	.09	.04	.08	-	.05	2.17	.40	.12	.02	-	.33	.10	14
15	.03	.27	-	.23	-	.64	.36	.04	.05	-	-	-	15
16	.15	.07	-	.31	-	.07	.04	1.43	.21	-	-	-	16
17	.01	.06	-	.06	.57	.17	.65	.48	.02	-	.14	-	17
18	.21	-	-	.02	.07	.20	-	.05	-	.01	.47	-	18
19	.09	.60	.05	-	-	.03	.34	1.27	-	-	-	-	19
20	-	.11	.03	-	-	.09	-	.07	-	-	.17	.02	20
21	.26	.10	.15	.01	.08	.06	.02	.28	-	-	.02	-	21
22	.66	.16	.04	.12	.04	.15	.41	-	-	-	.04	.12	22
23	.34	.02	-	.18	.09	.33	-	-	-	-	.54	.98	23
24	.24	.41	-	.18	.08	-	.03	-	-	-	.54	.06	24
25	.03	.15	-	.17	.03	-	-	-	-	-	.05	.03	25
26	-	-	-	.07	-	-	-	-	-	.03	.54	-	26
27	.30	.05	-	.06	-	.04	.69	-	-	.21	.12	.02	27
28	.41	.03	-	.12	.44	-	.28	-	.03	-	.03	.07	28
29	.08	-	-	-	.04	-	1.31	-	-	.42	.02	-	29
30	-	X	-	.02	.05	-	.03	-	.08	-	-	-	30
31	.57	X	-	X	.03	X	.04	-	X	.28	X	-	31
TOTAL	4.57	3.59	.94	2.04	3.08	6.74	7.15	4.96	2.79	4.36	8.62	4.16	YEAR'S TOTAL 53.00
*Days with ·01 in. or more.	21	21	7	20	19	23	23	16	15	16	24	18	223
*Days with ·04 in. or more.	17	18	6	14	15	17	19	13	10	14	20	12	175

[illegible]

40-9999

*See Instruction 2 (*f*) on other side.

N

(*Signed*) R Wigham [P.T.O.

X R WIGHAM ESQ X

3643/5

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. **Station No.** 3643/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Kirkfell House, Lorton.

in the County of Cumberland.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground One ft - in.

,, Ground ,, Sea Level 403 ft.

Nov. 2" low.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.90	.01	-	.30	-	-	.04	-	1.30	.14	.14	.81	1
2	.78	-	-	.02	.30	-	.33	.04	.61	.02	.19	.10	2
3	.11	.02	-	-	-	-	.20	.02	.18	.01	.11	.43	3
4	.21	-	.03	.01	-	-	.30	.02	.07	.06	-	.05	4
5	.61	-	.17	.10	.03	-	.01	.01	.32	-	-	-	5
6	.27	-	.12	.23	.02	-	-	-	.06	.53	-	-	6
7	-	-	.40	.14	.01	.01	-	-	.05	.37	-	-	7
8	.04	-	-	.22	-	-	-	-	.42	.59	-	-	8
9	1.36	.01	-	.39	-	-	.02	-	.19	.21	-	-	9
10	.21	-	-	.13	.02	-	-	-	.92	.20	-	-	10
11	.09	.03	-	-	.40	.05	.22	-	.07	-	-	-	11
12	.42	-	.03	-	.83	-	.93	.13	.01	.60	-	-	12
13	.05	.03	-	.30	.26	-	.03	-	.69	-	-	.12	13
14	.43	-	-	.04	-	-	-	-	-	-	-	.31	14
15	.42	-	-	-	.39	-	.01	.01	.01	.32	.04	.50	15
16	.82	-	-	-	-	-	-	-	-	.12	-	2.30	16
17	.03	-	-	-	-	-	.05	.10	-	.51	-	1.15	17
18	.04	-	-	-	.14	-	-	-	.01	.01	-	.40	18
19	.01	-	.01	.11	.04	-	.11	-	-	.10	.01	.18	19
20	.06	-	.02	.37	)	-	.06	1.13	-	.28	.09	.06	20
21	.26	-	.45	.05	-	-	.16	.10	-	.64	.18	.17	21
22	.01	-	.14	.23	-	-	.02	-	-	.36	.73	.19	22
23	-	.01	-	.01	-	-	.06	-	-	.05	.27	.12	23
24	.20	-	-	-	.08	-	.02	-	.33	.02	.09	-	24
25	-	-	-	.16	.11	.03	.28	-	.44	.59	.25	.04	25
26	-	-	-	-	.07	.03	1.52	.02	.28	.11	.02	.02	26
27	-	-	.44	.01	-	.67	.54	-	-	-	-	.15	27
28	-	-	.06	-	.22	-	.07	-	-	.01	.01	.04	28
29	.02	-	1.16	.32	.04	.17	.71	.27	.01	.72	.46	.19	29
30	-	X	.16	.04	.01	.57	.41	.20	.28	.22	.22	-	30
31	.01	X	-	X	-	X	-	.19	X	.03	X	.22	31
TOTAL	7.36	.11	3.19	3.18	2.97	1.53	6.10	2.24	6.25	6.82	2.81	7.55	YEAR'S TOTAL 50.11
*Days with ·01 in. or more.	24	6	13	20	17	7	23	13	20	26	15	21	205
*Days with ·04 in. or more.	19	-	9	16	12	4	17	7	16	20	12	20	152

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*See Instruction 2 (*f*) on other side.

(Signed) R. Wigham

P.T.O.

3643/5

COPY FOR OFFICIAL USE.

Section A **for the entry of Daily Observations.** **Station No** ~~3648/5~~.1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933 .

Kept at Kirkfell House, Lorton.

in the County of Cumberland.

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground One ft - in.

,, Ground ,, Sea Level 403 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.20	.14	.09	-	-	.12	-	.03	.01	-	.24	-	1
2	1.07	-	.06	.06	-	.51	-	-	-	-	-	-	2
3	.14	.12	.10	.03	.17	-	-	-	-	-	.01	-	3
4	.93	.69	.28	-	.17	-	-	-	-	-	.06	-	4
5	.11	.11	.41	-	.11	-	-	-	-	-	.02	-	5
6	.01	.20	.04	-	.22	-	-	-	-	-	-	-	6
7	.11	.15	.02	-	.04	-	.88	.08	-	.34	-	-	7
8	.21	.05	.46	.54	.01	-	.11	.02	-	.16	.02	-	8
9	-	.60	.04	-	.13	-	.57	-	-	.90	.11	-	9
10	.35	.04	-	-	.01	.11	.18	-	-	.21	-	.02	10
11	.01	.01	-	.06	-	-	.18	-	-	.14	-	.18	11
12	.09	-	-	-	-	-	.13	-	-	.16	.08	.02	12
13	-	-	.11	-	.16	-	.17	.32	.04	.11	.40	-	13
14	.69	-	.07	-	-	-	.03	.12	-	.02	.44	-	14
15	.07	.01	.26	.01	.02	.10	.04	.16	-	.40	.06	.01	15
16	.01	-	.45	.12	.29	.38	-	.08	-	.06	.01	-	16
17	.01	-	.34	-	-	.60	-	.17	.10	.03	.12	-	17
18	.01	-	.51	-	-	1.11	-	.25	-	-	.04	-	18
19	-	-	.10	.05	-	.11	-	-	.13	-	.14	.06	19
20	-	.18	.01	-	.26	.02	-	.17	.04	-	-	-	20
21	-	-	-	-	-	-	-	.13	-	-	-	-	21
22	-	-	-	-	.55	-	-	-	-	.05	-	-	22
23	-	snow	-	.19	-	-	-	.01	-	-	-	-	23
24	-	.32	-	.21	.29	.06	.15	.02	.22	-	.01	.01	24
25	-	.65	-	.01	.06	-	.07	.02	.25	-	-	.03	25
26	-	.85	-	.17	-	-	-	-	.23	.25	-	-	26
27	-	.07	-	.10	.03	-	.45	-	.01	.01	-	-	27
28	-	.03	-	-	-	-	.08	1.02	-	.28	-	-	28
29	-	-	.06	.06	.02	-	.21	.01	-	.11	-	.13	29
30	.11	×	-	-	-	-	.81	-	-	.20	-	.12	30
31	1.12	×	.12	×	-	×	-	.46	×	.08	×	.06	31
TOTAL	5.25	4.22	3.53	1.61	2.54	3.12	4.06	3.07	1.03	3.51	1.76	.64	YEAR'S TOTAL 34.34
*Days with ·01 in. or more.	18	17	19	13	17	10	15	17	9	18	15	10	178
*Days with .04 in. or more.	13	14	17	10	12	9	14	11	6	15	10	5	136

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*See Instruction 2 (*f*) on other side.

D

(*Signed*) P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3643/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Kirkfell House, Lorton.

in the County of Cumberland.

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft. - in.

,, Ground ,, Sea Level 403 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.37	-	.46	-	-	-	-	.09	.05	-	-	.19		1
2	-	-	.07	-	-	-	-	.52	.22	-	.21	.41		2
3	.89	-	.02	-	-	-	-	-	.04	.23	.29	.11		3
4	.55	-	.09	-	.10	-	-	.03	.11	.53	.02	.67		4
5	-	.01	.07	-	.50	-	-	.12	-	.17	.01	.19		5
6	.45	.01	.04	.04	.62	.01	-	.08	.07	.38	-	.09		6
7	.66	.01	.05	.28	-	-	-	-	-	.05	.01	.22		7
8	-	.02	.01	-	.14	-	-	.13	.11	.22	-	.45		8
9	.44	-	.02	.32	.01	-	-	.06	.09	.31	.33	.12		9
10	.29	-	.11	.01	-	-	-	.61	-	.07	.03	.03		10
11	.40	-	.06	.31	-	-	-	.26	.23	.07	.06	.06		11
12	.04	-	.19	.72	-	-	tr	.04	-	.05	-	.19		12
13	.24	-	-	.10	.08	-	.50	-	-	.09	-	.07		13
14	.44	-	.30	.01	.06	.11	-	-	-	.24	.02	.12		14
15	.13	-	.06	.10	.92	.01	.06	.17	.23	.05	.01	.09		15
16	.67	-	.33	-	.23	-	-	-	-	.03	.03	.22		16
17	.15	-	.17	.31	.14	-	.08	-	.40	.02	-	.42		17
18	.61	-	.12	.18	.25	.67	-	.20	.05	.02	-	.62		18
19	-	.01	.15	-	.45	.66	.01	.06	.33	.43	.06	.05		19
20	.01	-	.02	.42	.62	.05	-	.33	.06	.20	.02	.01		20
21	.02	-	.11	-	.07	.33	.13	.62	.13	.36	-	-		21
22	.01	-	.06	.05	-	.45	.02	.11	.53	.03	.07	-		22
23	-	-	.05	.37	-	-	.05	.20	-	.66	.12	-		23
24	-	.18	-	.03	.17	-	.04	-	.10	.57	.01	-		24
25	.14	.02	.11	.11	-	-	.14	-	-	.59	.07	.61		25
26	.09	-	.05	.13	-	.40	.07	-	.21	.52	.01	.14		26
27	-	-	-	.10	-	.27	.17	.08	.29	.15	-	.30		27
28	-	-	-	.01	-	.10	.05	1.48	.21	.15	-	.50		28
29	-	-	-	-	-	-	.14	.41	.11	.04	.01	.17		29
30	.62	X	-	-	-	-	.08	.20	1.40	.81	-	.29		30
31	.02	X	-	X	-	X	.04	.10	X	-	X	.16		31
TOTAL	7.24	.26	2.72	3.60	4.36	3.06	1.58	5.90	4.97	7.04	1.39	6.50	Year's Total 48.62	
*Days with ·01 in. or more.	22	7	24	19	15	11	15	22	21	28	19	27	230	
*Days with ·04 in. or more.	18	1	19	15	14	9	13	21	21	24	8	25	188	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) R Bigham

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3643/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Kirkfell House, Lorton,

in the County of Cumberland.

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground one ft -- in.

,, Ground ,, Sea Level 403 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.67	.15	.04	-	-	-	.12	-	.78	.10	.06	.14		1
2	.02	.10	-	-	-	.10	-	-	.83	.20	.29	.04		2
3	.03	.15	.05	-	-	.01	.25	-	.35	-	.29	.08		3
4	-	.13	-	-	-	.15	.06	-	.07	.13	-	.27		4
5	-	.46	.12	-	-	.08	.02	-	.19	.04	.22	.07		5
6	.04	-	-	-	-	.32	-	-	-	.04	-	.03		6
7	-	.04	-	.07	-	.25	-	-	-	.88	-	.24		7
8	-	.05	-	.23	-	.58	-	.02	-	.32	.14	.07		8
9	.04	.03	-	.55	-	.14	.01	-	-	1.07	-	-		9
10	.19	.38	-	.08	-	.09	.01	-	-	.14	.05	-		10
11	.46	.15	-	-	-	.25	-	.19	-	.09	.20	-		11
12	-	.29	-	-	-	.11	-	-	.16	.15	.02	-		12
13	.11	.04	-	.04	.38	.06	.05	-	.17	.27	.08	-		13
14	-	.15	-	-	.01	.06	-	.04	.06	-	.26	.13		14
15	-	.67	-	.21	.20	.06	-	-	.25	.27	.21	.09		15
16	.03	.55	.07	1.10	.32	.08	.27	.09	.37	.01	.18	-		16
17	-	.02	-	.58	-	.13	.02	.12	.04	.38	.49	-		17
18	-	.47	-	-	-	.02	.15	.01	.66	.38	-	.01		18
19	-	.80	-	.07	-	.07	.65	-	.02	.19	.03	-		19
20	-	.77	-	.31	-	.06	-	-	-	-	.01	-		20
21	-	.14	.19	.09	-	-	-	-	.38	.18	-	.01		21
22	-	.18	.25	.05	-	-	-	-	.05	-	-	-		22
23	.10	.71	.10	.06	-	.09	.02	.05	.02	.08	-	-		23
24	.25	-	.07	-	-	-	-	-	.48	.13	-	.15		24
25	.25	-	.02	-	-	-	.02	.05	-	.03	.32	.01		25
26	-	.10	-	-	-	.28	.07	1.98	.09	.30	.01	.14		26
27	-	.07	-	-	-	.07	.40	.24	.16	.21	.62	.09		27
28	-	-	-	-	-	-	-	.06	.18	.47	.10	.01		28
29	-	X	.15	-	-	.06	-	.68	.68	.27	.28	.14		29
30	-	X	-	-	-	.37	-	.18	.38	.39	.49	.03		30
31	.25	X	-	X	-	X	-	.01	X	.11	X	.25		31
TOTAL	2.44	6.60	1.06	3.44	.91	3.49	2.12	3.72	6.37	6.83	4.35	2.00	Year's Total. 43.33	
* Days with .01 in. or more.	13	24	10	13	4	24	15	14	22	27	21	20	207	
* Days with .04 in. or more.	10	22	9	13	3	22	9	11	20	25	17	13	174	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) R Craigham

[P.T.O.

COPY FOR OFFICIAL USE.

Section A **for the entry of Daily Observations.** X

Station No. 3643/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

print

Mrs ✓ Confirmation?

Kept at Kirkfell House, Lorton, *

in the County of Cumberland.

Diameter of Funnel of Gauge five in.

Height of top of Gauge above Ground One ft – in.

,, Ground ,, Sea Level 403 ft.

the Bungalow

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·44	·13	–	–	–	·03	·54	·09	·12	–	·12	·16		1
2	·01	·07	–	–	–	·02	–	·02	–	–	·20	·16		2
3	–	–	–	–	–	·28	–	–	·02	–	·04	·25		3
4	·44	–	·26	–	–	·01	·08	·5	1·2	–	·43	·06		4
5	·39	·01	·05	–	–	·02	–	·15	·33	–	·35	·19		5
6	·05	–	·03	–	–	·03	·34	–	1·1	–	·41	1·11		6
7	–	–	·12	–	–	–	–	·03	·23	–	·63	·33		7
8	·15	–	·35	–	–	–	–	–	–	–	·16	–		8
9	·86	–	·15	–	–	·08	·29	·06	·18	·04	·79	–		9
10	·30	–	–	–	–	–	·23	–	·33	~~4~~ –	·64	–		10
11	–	–	–	·05	–	·09	·08	·06	–	–	·10	–		11
12	–	–	–	·09	·01	–	·05	·19	·30	–	·35	·71		12
13	–	–	–	·15	·09	–	·09	·06	·25	–	·20	2·59 ✓		13
14	–	–	–	·10	–	·33	·06	–	·42	·43	·34	·67		14
15	·01	–	–	·08	·19	·40	·02	–	·56	·03	·25	·84		15
16	–	–	·07	–	·13	·46	–	·11	–	–	·39	–		16
17	·07	·56	·01	·04	·11	·07	·16	–	–	–	·16	·71		17
18	–	·26	–	·04	·03	–	·12	·29	–	1·00	–	–		18
19	·39	·20	–	–	–	–	·63	·06	–	·72	–	·10		19
20	·43	·42	·15	–	–	·01	·11	–	–	–	–	·23		20
21	·11	·16	·14	·02	–	·22	–	–	–	·24	–	·24		21
22	·10	·51	·04	–	–	·74	·05	–	–	–	–	–		22
23	·02	·26	–	·03	Tr	–	·54	–	–	·50	–	–		23
24	–	–	–	·20	·18	–	·24	–	–	1·34	–	–		24
25	·23	·01	–	·08	–	–	·12	–	–	–	–	–		25
26	·27	·13	·08	–	–	–	·03	–	–	–	–	–		26
27	·31	–	–	–	–	–	–	·02	·63	–	–	–		27
28	·18	·53	·04	·03	·03	Tr	·16	·05	–	–	·98	–		28
29	·05	·21	·01	–	·23	·63	–	·15	–	·98	1·12	–		29
30	·03	×	·14	–	·01	·10	·48	–	–	1·00	·78	·78		30
31	·01	×	·10	×	–	×	·05	–	×	–	×	·50		31
													Year's Total	
TOTAL	4·85	3·46	1·74	·86	1·01	3·69	4·77	1·79	5·67	6·28	8·44	9·62	52·18	✓
*Days with ·01 in. or more.	22	14	16	12	10	17	22	14	13	10	20	17	187	✓
*Days with ·04 in. or more.	17	12	13	8	6	11	20	11	12	9	20	17	156	✓

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*See Instruction 2 (*f*) on other side.

* moved to the Bungalow Sept 1936

† Spare column, no entries required.

(*Signed*) Mrs C Wigham

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3643/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at The Bungalow Lorton

in the County of Cumberland

Diameter of Funnel of Gauge Reg. Type

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 300 ft.

Query sent re Jan 12th entry on 18/2

JH

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·02	–	·30	–	–	–	–	–	·62	–	–	·26		1
2	·20	·95	·15	·20	–	·13	·27	–	·15	–	–	·04		2
3	·23	·70	·14	·25	·05	·69	·05	–	·96	–	–	·02		3
4	·80	–	·02	·01	·10	·27	·39	–	·77	–	–	·42		4
5	1·00	–	–	–	–	·80	·11	–	·24	·15	–	·08		5
6	–	–	·01	·40	·05	·60	·26	·43	–	–	–	–		6
7	·08	·40	–	·50	–	–	·03	–	–	–	–	·09		7
8	·01	·46	–	·11	0–	·08	·09	·02	–	–	–	–		8
9	·01	·25	–	·10	·03	·03	·17	–	–	–	–	·03		9
10	·13	·18	–	·01	–	·01	·31	–	–	–	–	1·		10
11	– ✓	–	·15	–	·05	–	·01	–	·04	–	–	·04		11
12	(1·40)	·17	·30	·07	·06	·15	–	·81	–	·01	–	·30		12
13	– x	–	–	–	–	·06	·03	·28	–	·04	–	·19		13
14	–	·34	–	–	–	–	·03	·47	·48	·04	–	·26		14
15	·67	–	·34	·14	–	–	·49	–	·62	–	–	·01		15
16	·17	·50	·63	·08	–	–	–	·25	–	–	–	–		16
17	1·35	·20	·11	1·01	–	–	–	·03	·22	–	–	–		17
18	–	1·00	·09	–	–	–	·01	·34	–	–	·02	–		18
19	·08	·12	·03	·39	–	·01	–	–	–	–	·75	–		19
20	·86	·20	·23	·19	·47	·17	·13	–	–	·03	·15	·02		20
21	·39	–	–	·08	·20	–	·50	–	–	·21	·04	–		21
22	·34	–	–	·03	·24	·12	·24	–	–	·07	·04	·53		22
23	·05	–	–	–	·05	–	·29	·02	·30	·96	–	·11		23
24	·64	·10	·27	·10	·01	–	·07	–	·40	·16	–	·24		24
25	–	1·36	·01	–	·20	–	–	–	–	·35	·02	·04		25
26	–	–	–	–	·20	–	–	–	·02	·46	–	–		26
27	–	·52	–	·17	·03	·24	·27	–	–	·48	–	·01		27
28	·05	–	–	–	·01	·03	–	–	–	·04	·01	·07		28
29	–		–	–	–	·07	–	–	–	·10	·14	–		29
30	·05	✕	–	–	–	–	–	·09	·45	·31	·40	–		30
31	·08	✕	–	✕	·02	✕	–	·79	✕	·09	✕	–		31
TOTAL	(8·60) ~~7·10~~	7·45	2·7~~9~~8	3·84	1·77	3·46	3·75 ~~3·57~~	3·2~~1~~3	5·27	3·50	1·57	3·76	48·92 ~~47·24~~	✓
* Days with .01 in. or more.	24 ~~21~~ ~~22~~	16	15	18	16	16	20	11	13	16	9	~~20~~ 19	193 ~~190~~	✓
* Days with .04 in. or more.	20 ~~17~~	16	11	15	11	11	15	8	12	14	6	13	152 ~~150~~	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side:

(*Signed*) Clara Wigham [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 3643/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at The Bungalow, Lorton
in the County of Cumberland
Diameter of Funnel of Gauge..................in.
Height of top of Gauge above Ground.........ft.........in.
,, Ground ,, Sea Level ....ft.

Dup
✓ wsR

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		-	·08	tr		1·18			·17		-			1
2	-	·13		·41		·76			·31	1·40	·19			2
3	-	·07		·09		·08	·48		·36	1·07	·15	·40		3
4	-	·03				·29	47			·50	·34	1·11		4
5	-	·02				·40			·13	·27	·03	·02		5
6	·3	·11				·			·22					6
7	·7	-	·04			-	·77	·13	·05	·95	·38	·08		7
8	·06	-				·37	·20	·33		·80		·11		8
9	·41	·28							tr		tr	·51		9
10	·04	·23	·02			·13	·08	·03	tr	·30		·19		10
11	·28				·60		·30	·42	·04	·48				11
12	·39	·07			·23		-		·10	1·32	1·90			12
13	·03				·13		1·03	·03		·35	·31	·34		13
14	·94		·5		·08					·61		·16		14
15	·37		·23		·39		·02	·68		·51				15
16	·44				·40		·11	·24	·73	1·27				16
17	-		·02		·48			·52	·63					17
18	·24				·55	·19		·48						18
19	tr		·70					·29			·75	tr		19
20	·52		1·02					·24			·11			20
21	-		·03					·14	·24		·24			21
22	·18				·06						·17	tr		22
23	·37				-	·24		·03	·09	·14	·57			23
24	-	·12	·31		·	·34		tr	·23	·18	·27			24
25	-	·31	·08		·5		1·11			·29	·32			25
26	·17	·20	·15		·3	1·14	·13			·51	·39			26
27	·27	·07	-		·36	·26		·24			·13			27
28	·31	·09	·04		·37	1·13					·50			28
29	·05		·04		·39		2·83			·19	·63	·40		29
30	·12	✕	-		tr	·19	·58			·19	·48	1·23		30
31	·2	✕	·	✕	·25	✕			✕	·61	✕		"d"	31
													Year's Total	
TOTAL	6·39	1·73	3·26	·5	5·09	6·70	7·91	3·80	3·30	11·84	7·86	4·55	62·93	✓
* Days with .01 in. or more.	21	13	14	2	15	14	13	14	13	20	19	11	169	✓
* Days with .04 in. or more.	20	11	11	2	15	14	12	11	13	20	18	10	157	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Clara Wigham

[P.T.O.

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Section **A** for the entry of Daily Observations — Station No. 3660/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at The Bungalow, High Lorton

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. — in.

,, Ground ,, Sea Level ....ft.

Table

Days

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	X	X	X	X	X	X	X	X	X	X	X	1.95		1
2	X	X	1.39	X	X	X	.68	.87	.18	X	X	.61		2
3	X	X	.20	X	X	X	X	X	.80	X	X	X		3
4	X	X	X	X	X	X	X	X	X	X	X	X		4
5	X	X	X	X	X	X	X	X	X	X	.70	.40		5
6	.12	.50	.90	X	X	X	.85	X	X	X	X	.45		6
7	1.08	1.26	X	X	X	X	X	X	X	X	X	X		7
8	.94	1.46	X	X	X	X	.25	X	.16	X	.46	.56		8
9	.45	.23	X	X	X	X	X	1.26	.16	X	X	X		9
10	X	X	X	X	X	.25	X	.02	1.00	.79	X	X		10
11	X	.24	X	X	X	.30	X	.15	X	X	X	X		11
12	X	.07	X	X	X	X	X	X	.16	100	X	X		12
13	X	X	X	X	.73	X	X	X	X	X	X	X		13
14	1.04	X	.46	X	.41	.65	X	X	X	X	.38	X		14
15	.61	X	X	X	X	.63	X	X	X	X	1.20	X		15
16	X	X	X	X	X	X	1.19	X	X	X	X	X		16
17	.43	.33	.22	X	X	.17	X	X	X	X	.51	·13		17
18	X	.52	X	X	X	X	.15	X	X	X	.24	X		18
19	X	X	X	X	X	X	X	X	X	X	X	X		19
20	X	X	X	X	X	X	.26	X	X	X	X	X		20
21	X	X	X	X	X	X	X	X	X	.15	X	X		21
22	X	.74	X	X	X	X	.16	X	X	X	X	X		22
23	X	.45	X	X	X	.18	X	X	X	X	.76	X		23
24	X	.30	XV	X	X	X	X	X	X	X	X	X		24
25	X	.04	X	X	X	X	X	X	X	X	1.13	X		25
26	X	X	X	X	X	X	X	X	.21	X	X	X		26
27	X	X	X	X	X	.41	.31	X	X	X	X	X		27
28	X	X	X	2.50	X	1.03	1.02	X	.14	X	X	X		28
29	X	X	X	X	X	X	.36	X	X	X	X	X		29
30	X	X	X	X	.32	X	.50	X	X	X	X	X		30
31	X	X	X	X	X	X	X	X	X	.43	X	X		31
TOTAL	4·67	6·14	3·17	2·50	1·46	3·67	5·73	2·30	2·81	2·43	5·23	4·10	Year's Total 44·31	✓
* Days with .01 in. or more.	87	12	5	1	3	8	11	6	6	4	8			
* Days with .04 in. or more.	87	12	5	1	3	3	11	5	6	4	8			

"d"

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) C Wrigham

[P.T.O.

3643/7.

CUMBERLAND
BROOMLANDS.
LORTON.
1934 — 35.

78 07 03.

248716/33

3643/7
X/Cumb/7
C1934

Form 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

Lorton (Broomlands)

At Broomlands Lorton

In the County of Cumberland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 270 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	7·75			21 days	
Feb.	·45			9	-
Mar.	3·49			26	·
April	4·39			19	-
May	5·48			17	-
June	3·32			13	-
July	1·69			16	-
Aug.	7·14			23	—
Sept.	6·86			25	–
Oct.	9·20			28	—
Nov.	1·56			17	-
Dec.	7·86			26	-
Total	59·19			240	

Signature J. Arthur Jackson —

*See Instruction 2 (*f*) below.

ars of Station.

fill in this section and also the space for

9 from 3714/5

quiry relating to this register should be sent:—

nson

in Winter Nine in Summer 9 -

Nearest Railway Station Cockermouth Distance 4 Miles Direction from gauge

Nearest Parish Church at Lorton Distance ¼ Mile Direction from gauge

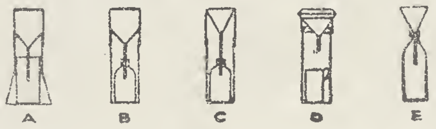
Nature of objects nearest to gauge	House.			
Height of objects	22 feet.			
Distances ..	20 —			
Directions from gauge ..	S-W.			

If gauge has been moved during the year state—

Date of move No — Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

61K print

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Printed under the authority of His Majesty's Stationery Office by John Corah & Son, Ltd., Loughborough and London.

(586) Wt. 283/202 16,000 5/34. Gp. 119/110.

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(3643/7)
X/Cumb/2
C1934

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

Lorton (Broomlands)

At Broomlands. Lorton
In the County of Cumberland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 270 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·75			21 days	
FEB.	·45			9	-
MAR.	3·49			26	·
APRIL	4·39			19	-
MAY	5·48			17	-
JUNE	3·32			13	-
JULY	1·69			16	-
AUG.	7·14			23	—
SEPT.	6·86			25	-
OCT.	9·20			28	—
NOV.	1·56			17	-
DEC.	7·86			26	-
Total	59·19			240	

Signature J. Arthur Jackson

6K print

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

S from 3714/5

Name and Address to which any inquiry relating to this register should be sent:—
Col. J. A. Jackson

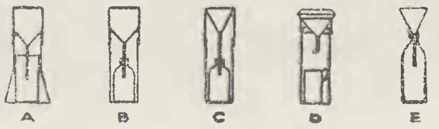
Hour of observation by the clock—in Winter Nine in Summer 9 -
Nearest Railway Station Cockermouth Distance 4 Miles Direction from gauge
Nearest Parish Church at Lorton Distance ¼ Mile Direction from gauge

Nature of objects nearest to gauge	House.			
Height of objects	22 feet.			
Distances ..	20 —			
Directions from gauge ..	S-W.			

If gauge has been moved during the year state—
Date of move No — Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

107

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Section **A** for the entry of Daily Observations. Station No. 3643/7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Broomlands Lorton

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 10 in.

,, Ground ,, Sea Level ft.

wef [illegible]

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.50	.40	.00	.04	.00	.00	.13	.00	.91	.11	.06	.25		1
2	.25	.12	.00	.00	.00	.11	.00	.00	1.30	.25	.36	.03		2
3	.15	.24	.07	.00	.00	.03	.34	.00	.41	.00	.40	.09		3
4	.00	.12	.08	.01	.00	.21	.17	.00	.08	.05	.00	.25		4
5	.00	.47	.07	.00	.00	.09	.05	.00	.18	.00	.25	.14		5
6	.04	.00	.00	.00	.00	.28	.00	.00	.00	.05	.16	.03		6
7	.00	.00	.00	.06	.00	.30	.00	.00	.00	1.08	.00	.29		7
8	.00	.01	.00	.26	.00	.66	.00	.01	.00	.39	.02	.09		8
9	.05	.04	.00	.71	.00	.04	.02	.00	.00	1.12	.05	.00		9
10	.27	.47	.00	.10	.00	.25	.02	.00	.00	.05	.02	.00		10
11	.63	.23	.00	.03	.00	.33	.00	.22	.00	.21	.32	.00		11
12	.00	.35	.00	.00	.00	.10	.00	.00	.20	.15	.03	.00		12
13	.13	.01	.00	.04	.43	.07	.07	.00	.18	.42	.11	.00		13
14	.01	.21	.00	.05	.02	.10	.01	.02	.00	.00	.31	.26		14
15	.00	.93	.00	.25	.24	.05	.00	.00	.30	.35	.28	.12		15
16	.02	.76	.08	1.44	.44	.08	.32	.07	.40	.00	.23	.00		16
17	.00	.00	.00	.54	.00	.08	.01	.11	.06	.43	.45	.00		17
18	.00	.59	.00	.00	.00	.01	.16	.00	.94	.67	.01	.00		18
19	.00	1.33	.00	.10	.01	.10	.70	.00	.03	.31	.04	.00		19
20	.00	.90	.00	.36	.00	.07	.00	.00	.00	.00	.01	.00		20
21	.00	.01	.23	.15	.00	.00	.00	.00	.40	.21	.00	.00		21
22	.00	.07	.30	.06	.00	.00	.00	.00	.04	.00	.00	.00		22
23	.08	.19	.11	.06	.00	.03	.03	.05	.02	.11	.00	.02		23
24	.48	.78	.08	.00	.00	.00	.00	.00	.55	.14	.01	.26		24
25	.44	.00	.03	.00	.00	.00	.01	.06	.00	.04	.33	.00		25
26	.00	.21	.00	.00	.00	.39	.09	2.03	.11	.50	.01	.20		26
27	.00	.10	.00	.00	.00	.09	.53	.31	.13	.41	.86	.11		27
28	.05	.05	.00	.00	.00	.00	.00	.07	.34	.64	.16	.03		28
29	.00		.17	.00	.00	.05	.00	.71	.79	.40	.36	.21		29
30	.02	×	.00	.00	.00	.36	.00	.20	.41	.52	.67	.03		30
31	.25	×	.00	×	.00	×	.00	.01	×	.12	×	.30		31
TOTAL	3.37	8.69	1.22	4.26	1.14	3.88 4.48	2.66	3.87	7.78	8.73	1 5.72	71 2.48	Year's Total. ~~53.00~~	54.02
* Days with .01 in. or more.	16	24	10	17	5	24	16	13	21	25	25	18	208	4 ✓
* Days with .04 in. or more.	13	21	9	15	3	21	10	10	19	25	18	13	177	✓

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

Section **A** for the entry of Daily

3644 —

MIREHOUSE

1931 – 40

780703

3644

FOR OFFICIAL USE.

AIR MINISTRY.— ALL ORGANIZATION.

FORM 1090.

REGIS 1931.

Kept at Mirehouse

in the County of Cumb

4° Long 3° - 12 W.

Diameter of Funnel of Gauge

Height of top of Gauge above Ground.

" Ground " Sea Leve

do/p

THE MORNING MEASU EVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

780703

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date.*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	01	01	02	—	—	—	05	—	20	20	—	—	1
2	tr	05	03	10	—	90	06	—	04	20	1·03	144	2
3	tr	—	tr	12	01	—	29	—	42	09	2·82	28	3
4	—	02	—	31	tr	01	—	—	—	02	03	12	4
5	—	03	—	—	16	72	05	08	18	01	—	103	5
6	—	25	—	—	tr	—	21	—	10	62	43	01	6
7	—	32	tr	—	01	69	tr	31	—	24	10	23	7
8	19	12	—	—	tr	—	63	—	—	15	10	05	8
9	-7	24	06	08	—	—	09	60	01	76	27	04	9
10	26	21	04	tr	83	57	—	02	—	—	·49	tr	10
11	62	119	—	13	tr	01	37	—	32	06	34	tr	11
12	08	03	02	03	—	—	14	01	—	11	03	—	12
13	—	—	45	—	25	—	—	07	—	tr	12	03	13
14	08	03	—	—	06	252	18	09	05	—	36	15	14
15	07	42	07	19	—	46	38	01	03	—	01	tr	15
16	31	—	—	34	—		06	141	13	—	—	—	16
17	02	25	—	—	56	32	93	65	01	—	11	—	17
18	29	—	—	—	—	10	24	04	02	—	49	—	18
19	11	33	—	—	—	tr	37	09	01	—	05	tr	19
20	tr	20	tr	—	—	—	tr	90	—	—	21		20
21	18	—	02	—	07	24	—	06	—	—	—	—	21
22	57	35	10	23	10	14	35	00	—	—	07	02	22
23	51	06	tr	27	17	32	—	—	—	02	1·42	70	23
24	42	31	—	16	15	tr	03	tr	—	—	24	14	24
25	04	38	—	31	02	—	—	—	—	—	12	03	25
26	01	tr	—	18	—	—	—	—	—	01	55	01	26
27	37	05	—	11	—	04	92	—	—	35	10	05	27
28	39	—	—	08	20	—	38	—	01	tr	03	14	28
29	12	—	—	tr	07	—	96	—	—	45	03	tr	29
30	—	✕	—	01	12	—	04	—	10	tr	tr	—	30
31	70	✕	—	✕	—	✕	04	—	✕	20	✕	26	31
													YEAR'S TOTAL
TOTAL	5·42	4·85	·81	2·65	2·78	704	6·77	434	2·21	3·49	9·54	4·73	54·63
Days with ·01 in. or more.	22	21	9	16	15	14	22	15	15	16	25	18	208
Days with ·04 in. or more.	19	16	5	14	12	12	21	11	9	12	20	13	164

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Blanche F Spedding

P.T.O.

Section **A** for the entry of Daily

3644

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1921.

Kept at Mirehouse (Keswick)
in the County of Cumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
" Ground " Sea Level 280 ft.

Lat 54° Long 3° - 12 W.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following
780703

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	01	01	02	—	—	—	05	—	20	20	—	—	1
2	tr	05	03	10	—	90	06	—	04	20	1·03	144	2
3	tr	—	tr	12	01	—	29	—	42	09	2·82	28	3
4	—	02	—	31	tr	01	—	—	—	02	03	12	4
5	—	03	—	—	16	72	05	08	18	01	—	103	5
6	—	25	—	—	tr	—	21	—	10	62	43	01	6
7	—	32	tr	—	01	69	tr	31	—	24	10	23	7
8	19	12	—	—	tr	—	63	—	—	15	10	05	8
9	07	24	06	08	—	—	09	60	01	76	27	04	9
10	26	21	04	tr	83	57	—	02	—	—	·49	tr	10
11	62	119	—	13	tr	01	37	—	32	06	34	tr	11
12	08	03	02	03	—	—	14	01	—	11	03	—	12
13	—	—	45	—	25	—	—	07	—	tr	12	03	13
14	08	03	—	—	06	2·52	18	09	05	—	36	15	14
15	07	42	07	19	—	46	38	01	03	—	·01	tr	15
16	31	—	—	34	—		06	141	13	—	—	—	16
17	02	25	—	—	56	32	93	65	01	—	11	—	17
18	29	—	—	—	—	10	24	04	02	—	49	—	18
19	11	33	—	—	—	tr	37	09	01	—	05	tr	19
20	tr	20	tr	—	—	—	tr	90	—	—	21		20
21	18	—	02	—	07	24	—	06	—	—	—	—	21
22	57	35	10	23	10	14	35	00	—	—	07	02	22
23	51	06	tr	27	17	32	—	—	—	02	1·12	70	23
24	42	31	—	16	15	tr	03	tr	—	—	34	14	24
25	04	38	—	31	02	—	—	—	—	—	12	03	25
26	01	tr	—	18	—	—	—	—	—	01	55	01	26
27	37	05	—	11	—	04	92	—	—	35	10	05	27
28	39	—	—	08	20	—	38	—	01	tr	03	14	28
29	12	—	—	tr	07	—	96	—	—	45	03	tr	29
30	—	×	—	01	12	—	04	—	10	tr	tr	—	30
31	70	×	—	×	—	×	04	—	×	20	×	26	31
TOTAL	5.42	4·85	·81	2·65	2·78	704	6·77	434	2·21	3·49	9·54	4·73	YEAR'S TOTAL 54·63
Days with ·01 in. or more.	22	21	9	16	15	14	22	15	15	16	25	18	208
Days with ·04 in. or more.	19	16	5	14	12	12	21	11	9	12	20	13	164

Please read the Notes and Instructions Overleaf.

(144ws)

(Signed) Blanche F Spedding

P.T.O.

3644

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Mirehouse Keswick.
in the County of Cumberland.
Diameter of Funnel of Gauge..........in.
Height of top of Gauge above Ground..........ft..........in.
,, Ground ,, Sea Level..........ft.

Transferred

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	56	03	—	45	—	—	07	01	1.50	10	—	98	1
2	1·33	tr	—	—	30	—	30	02	62	—	21	25	2
3	22	01	—	04	—	—	23	07	30	—	14	56	3
4	26	tr	5	—	—	—	53	—	14	09	—	08	4
5	70	—	27	14	05	—	—	02	28	01	—	01	5
6	42	—	18	41	05	—	tr	—	02	47	—	—	6
7	05	—	58	32	—	—	—	—	18	58	—	—	7
8	01	—	—	16	—	—	—	—	40	59	—	—	8
9	184	—	—	74	—	—	—	—	15	27	—	—	9
10	25	—	08	26	—	—	—	—	95	17	—	—	10
11	04	05	tr	03	48	—	34	03	—	02	—	—	11
12	88	—	02	08	66	—	199	10	02	66	—	—	12
13	12	02	tr	45	26	—	13	—	1.06	27	—	.06	13
14	73	—	—	06	—	—	—	—	tr	—	—	38	14
15	67	—	—	14	40	—	—	tr	—	16	06	20	15
16	85	—	—	—	tr	—	—	—	—	15	—	232	16
17	02	01	—	—	—	—	—	06	—	58	—	62	17
18	tr	—	—	—	26	—	—	—	—	—	01	25	18
19	—	—	05	04	14	—	16	—	—	24	—	13	19
20	01	—	01	46			—	112	—	21	11	10	20
21	19	—	42	04	—	—	05	10	—	102	15	34	21
22	02	—	15	33	—	—	25	—	—	46	73	70	22
23	00	02	[illegible]	08	—	—	07	—	—	08	54	08	23
24	15	—	—	—	10	09	01	—	39	75	06	03	24
25	—	01	[illegible]	13	17	02	18	—	47	10	33	—	25
26	—	—	—	—	—	05	72	—	32		07	—	26
27	—	—	69	tr	06	72	66	[illegible]	—	02	—	04	27
28	01	—	07	08		1	18	02	—	84	01	07	28
29	04	—	96	12	34	14	48	02	03	35	55	27	29
30	—	×	26	07	00	110	14	39	30	08	15	01	30
31	01	×	01	×	00	×	1	03	×	17	×	35	31
TOTAL	9·38	·15	3·86	4·17	3·17	2·13	6·~~2~~40	1·98	7·13	8·36	3·12	7.63	YEAR'S TOTAL 57·~~4~~66
*Days with ·01 in. or more.	25	7	15	22	13	7	19	13	17	26	14	22	200
*Days with ·04 in. or more.	18	1	12	21	13	5	17	6	14	22	12	19	160

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*See Instruction 2 (*f*) on other side.

(*Signed*) Blanche F Spedding

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No.** 3644

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Mirehouse Keswick
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 6 in.
,, Ground ,, Sea Level 280 ft.

Lat: 54° 30
Long 3° 12 W.
Sent Circ. 02/M.O.7. 29.5.34.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	31	15	—	—	—	—	—	—	46	—	38	—	1
2	220	02	·1 1	—	—	45	—	—	—	tr	—	—	2
3	14	74	19	07	23	—	—	—	—	—	04	—	3
4	125	122	54	—	—	—	—	—	—	—	07	21	4
5	15	20	74	—	37	—	—	—	—	—	04	05	5
6	03	13	07	—	30	—	—	—	—	—	—	—	6
7	15	30	06	—	07	—	93	—	—	50	—	—	7
8	23	04	26	50	09	16	—	—	—	21	01	—	8
9	01	80	03	61	21	—	—	—	—	85	12	—	9
10	31	03	—	—	1	·4	92	—	—	20	—	—	10
11	03	—	—	07	03	—	27	—	—	53	—	—	11
12	08	03	01	—	tr	—	08	—	—	03	—	—	12
13	tr	tr	·82 ~~12~~	—	21	—	13	84	10	16	28	—	13
14	70	—	21	—	—	—	—	07	—	03	09	—	14
15	02	—	39	—	—	16	—	—	—	43	16	—	15
16	01	—	42	22	10	35	—	~~57~~	—	~~11~~	09	—	16
17	03	—	26	02	—	107	—	37	—	—	20	—	17
18	31	—	70	—	—	09	—	33	—	—	05	08	18
19	—	—	11	—	—	12	—	—	27	01	23	01	19
20	—	21	—	05	26	—	—	26	—	—	—	—	20
21	—	—	—	—	~~03~~	—	~~27~~	12	—	06	01	—	21
22	—	—	—	—	50	—	—	—	11	04	—	—	22
23	—	—	—	27	—	—	101	—	05	—	05	—	23
24	—	—	—	34	—	—	34	—	33	—	—	01	24
25	—	—	—	01	33	—	—	—	35	—	—	—	25
26	—	—	—	11	—	—	—	—	10	30	—	05	26
27	—	254	—	—	40	—	72	—	tr	8	—	tr	27
28	—	04	—	—	—	—	—	87	tr	29	—	01	28
29	—		·12	08	—	—	19	02	—	11	—	11	29
30	08	×	[illegible]	29	—	—	—	—	—	08	—	15	30
31	233	×	—	×	—	×	02	—	×	—	×	06	31
TOTAL	7 8·08	6·45	93 4·38	2·64	3·11	2·84	4·61	2·38	17.7	4·02	8 1·30	74	YEAR'S TOTAL 43·36 ~~41·33~~
*Days with ·01 in. or more.	19	(16)	17	13	14	8	10	8	8	18	15	10	156
*Days with .04 in. or more.	12	(13)	13	11	13	8	9	7	8	15	13	7	129

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*See Instruction 2 (*f*) on other side.

D

(*Signed*) Blanche F Spedding

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3644

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Keswick, Mirehouse
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 280 ft.

Lat. 54°. 30′ N
Long. 3°. 12′ W. Dap W.L.
Copied from original record received as observer is going abroad. Original returned to observer with amendments made to arithmetic. Feb. Oct & Dec.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·36	·23	–	–	·01	–	–	·18	–	·01	–	–		1
2	Tr	·24	·24	–	–	–	–	·62	·47	–	·21	·49		2
3	·60	·01	·24	–	–	–	–	·02	·02	·30	·23	·16		3
4	·57	·35	·03	–	·20	–	–	–	·15	·25	·02	·68		4
5	·02	·02	·11	–	·91	–	–	·08	–	·24	·02	·46		5
6	1·23	·01	·11	–	–	–	–	·17	·17	·29	–	·05		6
7	Tr	·35	·04	·40	·01	–	–	–	·03	·03	–	·36		7
8	·53	·02	·14	–	·07	–	–	·11	·34	·38	–	1·54		8
9	·37	·01	·02	·28	–	–	–	·10	·09	·31	·75	·27		9
10	·86	Tr	·05	–	–	–	–	·80	·12	·08	·08	·06		10
11	·04	Tr	·42	·58	–	–	–	·22	–	·13	·05	·14		11
12	·28	Tr	·29	·80	Tr	–	–	·04	–	·05	–	·15		12
13	·59	Tr	·03	·18	·13	–	·68	–	·13	·20	·01	·09		13
14	·28	·10	·50	·01	·07	·07	–	Tr	–	·30	·01	·13		14
15	·82	Tr	·04	·12	·78	–	·06	–	·38	·10	·01	·02		15
16	·20	Tr	·50	·28	·24	–	–	·12	·04	·03	·02	·16		16
17	·69	Tr	·35	·30	·17	–	·26	–	–	·02	·01	·67		17
18	·01	Tr	·17	·07	·34	·41	·04	–	·42	·03	–	·70		18
19	Tr	–	–	·33	–	·40	–	–	–	·53	–	–		19
20	·02	–	·12	·01	·82	·03	·13	·13	·14	·13	Tr	–		20
21	Tr	–	–	·05	·51	·55	–	·08	·14	·37	·01	–		21
22	–	–	·06	·41	·10	·42	–	·62	·62	·13	–	Tr		22
23	–	·02	·06	–	–	–	–	·53	·01	·65	·07	–		23
24	–	·15	–	·10	–	·01	·09	·13	·29	·60	–	·42		24
25	–	–	·07	·18	·17	–	·20	·27	·35	1·17	–	–		25
26	–	–	·09	·34	Tr	·34	·18	–	·43	·74	·01	·25		26
27	–	·14	–	·19	–	·45		–	·11	·12	·07	·32		27
28	–	–	–	·03	–	·09	·31	1·60	·15	·39	–	·49		28
29	–	–	–	–	–	–	·11	·52	·08	·14	·03	·18		29
30	–	×	–	–	–	–	·02	·04	1·20	·64	–	·31		30
31	–	×	–	×	–	×	–	–	×	·02	×	·25		31
TOTAL	7·47	1·65	3·68	4·66	4·53	2·77	2·08	6·38	5·88	8·38	1·61	8·35	Year's Total 57·44	
*Days with ·01 in. or more.	17	13	22	19	15	10	12	20	23	30	17	24	222	
*Days with ·04 in. or more.	14	7	19	16	13	8	11	19	20	24	7	23	181	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ……………………

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3644

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Mirehouse

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 280 ft.

Lat 54°30

Long 3° 12 W.

Days.

Corrected from original copy and for arithmetic
Still.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	66	43	~~00~~ ·01	tr	00	00	13	00	131	00	19	27		1
2	02	08	00	00	00	11	00	00	110	47	34	09		2
3	04	41	05	00	00	04	23	00	29	01	tr	18		3
4	00	11	07	02	00	22	00	00	45	35	28	30		4
5	00	53	12	01	00	67	24	00	06	09	11	25		5
6	04	01	09	00	00	32	02	00	00	90	01	02		6
7	00	tr	tr	00	00	30	00	00	00	47	01	21		7
8	00	tr	00	19	00	74	00	~~00~~ ·3	00	97	13	13		8
9	02	03	00	19	00	01	00	00	00	00	~~33~~ 03	00		9
10	27	41	00	93	00	00	00	00	00	50	30	60		10
11	73	24	00	13	00	61	00	17	00	12	05	00		11
12	01	28	00	03	00	07	00	00	13	20	10	00		12
13	13	13	00	00	45	08	00	00	28	00	22	00		13
14	tr	18	00	112	02	11	00	03	20	40	19	16		14
15	00	~~123~~ 123	00	tr	22	07	00	00	60	03	33	21		15
16	02	94	00	32	34	30	27	tr	67	40	47	00		16
17	00	tr	10	164	00	14	02	22	12	62	03	01		17
18	00	28	tr	60	01	01	06	00	59	39	02	00		18
19	00	89	00	02	tr	07	69	00	04	tr	02	~~02~~ 00		19
20	00	~~78~~ 78	00	15	00	04	00	00	00	28	01	00		20
21	00	00	00	28	00	tr	12	00	~~49~~ 47	00	00	05		21
22	00	02	13	10	00	00	00	00	01	14	00	00		22
23	~~13~~ 13	11	33	08	00	28	02	00	00	02	01	00		23
24	~~64~~ 61	20	14	07	00	00	04	04	274	02	56	28		24
25	41	113	08	00	00	00	02	05	00	40	02	10		25
26	06	00	01	00	00	24	03	138	16	60	83	24		26
27	00	01	00	00	00	07	45	18	13	62	19	12		27
28	~~04~~ 04	28	00	00	00	00	00	05	26	50	35	01		28
29	~~tr~~ Tr	~~01~~	~~13~~ 00	00	00	06	00	~~213~~ ·43	63	63	66	22		29
30	01	×	~~04~~ 13	00	00	37	00	19	60	38	00	02		30
31	32	×	01	×	00	×	00	04	×	13	×	28		31
TOTAL	3·47	1 8·72	7 1·26	~~3·89~~ ~~4·88~~	~~94~~	4·93	2·34	[illegible]	~~9·64~~ 10·44	~~5·46~~	5·46	31·5	Year's Total. ~~55·10~~	58·50
* Days with .01 in. or more.	15	23	13	4·88 17	1·04 5	22	14	~~2·77~~ 11	~~9·44~~ 21	9·64 ~~28~~	26	3·15 20	213	
* Days with .04 in. or more.	10	19	10	13	3	20	9	2·77 9	10·84 20	22	17	16	168	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed)

[P.T.O.

COPY FOR OFFICIAL USE

Station No. 3644

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Mirehouse Keswick

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 280 ft.

Civ 7 sent 25.1.37 Kf Observer agrees. 30/1/37 Kf

corrected for BA

Lat 54 30

Long 3° 12 W.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	20	20	01	tr	00	—	82	39	19	-	—	20		1
2	01	01	00	00	—	—	17	05	18	-	34	08		2
3	01	—	00	00	—	68	10	07	31	—	—	21		3
4	54	09	25	00	-	02	—	—	90	—	39	70		4
5	39	00	06	00	-	—	—	44	37	—	-	—		5
6	04	00	03	00	—	-	54	17	67	—	—	—		6
7	tr	00	12	00	—	04	01	-	58	—	115	62		7
8	39	00	36	00	—	—	—	-	—	—	22	tr		8
9	175	00	09	00	—	—	—	—	25	—	02	—		9
10	58	00	tr	00	—	-	50	—	—	—	75	—		10
11	01	00	00	06	—	19	15	21	23	—	24	28		11
12	00	00	00	31	00	-	09	—	—	—	37	—		12
13	00	00	00	00	12	-	—	tr	35	37	—	222		13
14	00	00	00	11	—	-	—	—	39	03	62	87		14
15	tr	00	tr	07	09	41	14	—	—	—	28	69		15
16	00	tr	09	05	07	18	03	—	-	47	38	71		16
17	15	33	01	00	09	28	28	—	—	66	19	75		17
18	00	52	00	00	—	—	19	86	—	80	—	01		18
19	—	27	tr	00	—	tr	43	03	—	18	—	—		19
20	121	35	19	00	—	—	—	—	—	31	—	—		20
21	33	17	08	07	—	30	—	—	—	—	—	37		21
22	21	18	06	00	—	67	17	-	—	—	—	01		22
23	02	60	05	05	05	—	68	02	—	—	—	—		23
24	00	10	00	09	70	—	50	—	138	160	02	tr		24
25	23	00	00	18	00	-	15	-	39	36	tr	02		25
26	93	22	00	02	00	-	—	-	05	61	tr	—		26
27	00	02	04	00	00	-	—	-	—	27	—	tr		27
28	14	55	06	00	00	—	08	-	-	1	09	—		28
29	07	18	69	00	20	69	—	-	-	47	2	—		29
30	04	✕	05	00	05	15	57	-	-	15	—	30		30
31	04	✕	13	✕	—	✕	107	—	✕		✕	33		31
TOTAL	719	379	237	102	137	356	5·77	14·4	62~~2~~ 4	6X9 2	~~587~~ 5·68	~~566~~ 7·62	Year's Total 52·69	
* Days with .01 in. or more.	21	15	18	11	8	11	20	9	14	14	15	17	173	
* Days with .04 in. or more.	17	13	15	9	8	10	18	7	14	12	12	13	148	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Blanche T. Spedding [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3644

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Mirehouse

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 280 ft.

Lat. 54° 30

Long 3° - 12 W.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.		in.	in.	in.	in.	in.	in.	in.	in.		
1	02	15	(·30)	—	—	—	45	—	52	—	—	16		1
2	21	01	X15	—	—	—	—	—	11	—	—	—		2
3	08	76	14	30	—	47	32	—	—	—	—	09		3
4	83	65	03	09	15	03	06	—	—x	—	—	43		4
5	1·11	01	—	17	—		—	—	140	—	—	14		5
6	05	—	—	7	—	37	—	04	—	—	—	—		6
7	06	42	—	34	08	—	—	—	—	—	—	—		7
8	01	32	—	—	—	11	46	—	16	—	—	—		8
9	08	21	—	—	05	—	35	21	—	—	—	15		9
10	16	12	—	—	—	—	—	—	01	—	—	—		10
11	—	20	45	~~[illegible]~~	—	—	—	—	—	—	—	—		11
12	—x	17	~~14~~	22	—	15	—	40	—	01	—	57		12
13	—	—	—	—	—	44	—	—	—	02	—	62		13
14	—	47	—	—	—	—	27	100	29	—	—	—		14
15	194x	68	16	09	—	—	—	20	69	—	—	—		15
16	18	65	71	35	—	—	—	—	—	—	—	—		16
17	60	04	18	25	—	—	—	—	43	—	—	—		17
18	tr	22	28	—	—	—	—	40	—	—	25			18
19	05	58	—	21	—	—					x			19
20	107	—	—	11	71	—	04	—	—	—	55	35		20
21	53	16	16	15	09	—	65	—	01	—	01	10		21
22	44	~~04~~	07	12	72	11	—	—	—	25	01	36		22
23	18	~~06~~	06	01	04	—	61	—	—	155	—	05		23
24	57	~~36~~	26	—	04	—	09	—	33	09	—	—		24
25	07	4·2 ~~84~~	04	—	30	—	—	—	—	40	01	16		25
26	—	33	—	tr	—	tr	—	—	tr	21	—	01		26
27	—	(·80)	—	19	—	—	19	—	10	38	—	02		27
28	—	—	—	—	—	—	—	—	—	03	—	01		28
29	—	—	—	—	—	—	—	—	43	18	—	01		29
30	—	✕	—	—	—	—	—	53	—	34	23	02		30
31	20	✕	—	✕	03	✕	—	67	✕	06	✕	01		31 "d"
TOTAL	8·39 ✓	~~6·27~~ ~~6·22~~ ~~[illegible]~~ 7·37	3·08 ✓ ~~2·78~~ ~~3·04~~	2·67 ✓	2·21	1·68	3·45	3·45	4·48	3·52	1·06	3·29	Year Total ~~44·6~~5 ~~43·00~~	✓
* Days with .01 in. or more.	21	~~20~~21	~~14~~15	15	10	7	11	8	12	12	6	18	~~15X~~6	✓
* Days with .04 in. or more.	17	~~18~~19	~~13~~14	14	9	6	11	8	10	9	3	12	13~~8~~2	✓

*See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Blanche G. Spedding

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3644

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Mirehouse, Keswick
in the County of Cumberland
Diameter of Funnel of Gauge 8 in. 6
Height of top of Gauge above Ground 2 ft. – in.
,, Ground ,, Sea Level 280 ft.

Copy by B.R.O. 12/1/39

March – July, Aug & October totals corrected for arithmetic.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	·35	·05	·01	—	1·84	·30	—	·16	tr	·17	·38		1
2	—	·09	—	·56	—	·90	tr	—	·30	1·75	·43	·25		2
3	·02	·05	·01	tr	—	·02	·45	—	·46	1·91	·33	·01		3
4	·01	·02	—	·15	—	·05	·16	—	·01	·78	·06	1·01		4
5	·07	·09	—	tr	—	·23	·08	—	·09	·61	·01	·02		5
6	·25	·63	tr	·01	—	·66	·05	·12	·23	1·00	·02	·05		6
7	·17	tr	—	—	—	—	—	·08	·08	·32	·27	·08		7
8	·09	·31	tr	—	·01	·01	·73	·21	—	·67	·42	·15		8
9	·35	·30	·03	—	·02	·27	·02	tr	—	·03	·01	·62		9
10	·04	·05	·01	—	—	·09	·22	—	·03	·21	tr	·17		10
11	·22	·09	—	—	·23	·02	·14	·19	·04	·18	·23	·31		11
12	·47	—	—	—	·19	—	—	—	·01	1·48	2·70	·18		12
13	·03	tr	—	—	·03	—	·40	·08	·10	·14	·47	·17		13
14	1·34	tr	tr	—	·04	—	tr	—	—	·02	·02	·03		14
15	·42	—	·57	—	·35	—	—	·42	—	·47	tr	·28		15
16	·45	—	·04	—	·17	—	—	·29	·27	·58	·08	·01		16
17	·01	—	·06	—	·26	—	·08	·53	·70	1·04	·03	·02		17
18	·17	—	·05	—	·01	·17	—	·26	·10	·42	·78	—		18
19	·01	tr	·20	—	—	—	—	·40	·02	·01	·30	—		19
20	·67	—	1·66	—	—	—	·03	·35	·03	—	·11	—		20
21	·01	—	·01	·02	·04	—	—	·45	·10	—	·34	—		21
22	tr	tr	—	tr	·05	—	—	—	·01	·01	·70	·03		22
23	·25	—	·01	—	·28	·29	—	·02	·04	—	·82	·01		23
24	·46	·04	·19	—	—	·25	—	·03	·27	·30	·24	—		24
25	·04	·34	·07	—	·24	·02	1·09	—	tr	·22	·26	·03		25
26	·21	·36	—	—	·30	·55	—	—	·01	·59	·08	·02		26
27	·41	·09	tr	—	·34	·67	·54	·16	—	·08	·57	—		27
28	·41	·10	·05	—	·30	1·43	·05	—	·01	·01	·26	·07		28
29	·10	—	·02	—	·53	·09	1·33	—	·01	·15	·47	·52		29
30	·18	×	tr	—	tr	·29	·45	—	·20	·13	·53	·03		30
31	·45	×	·01	×	·24	×	·01	—	×	·68	×	1·00		31
TOTAL	7·31	2·91	~~2~~3·04	·~~6~~75	3·~~7~~63	~~6·76~~ 7·85	~~4~~6·13	3·5~~8~~9	3·28	13·~~8~~79	10·71	5·45	Year's Total 68·44 ✓	
* Days with .01 in. or more.	28	15	17	5	19	19	18	15	24	27	28	25	240 ✓	
* Days with .04 in. or more.	22	14	10	2	15	15	15	13	15	22	23	15	181 ✓	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Blanche G. Spedding

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 36

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Mirehouse. Keswick

in the County of Cumberland.

Diameter of Funnel of Gauge 5. in.

Height of top of Gauge above Ground 1. ft. 6 in.

,, Ground ,, Sea Level 280. ft.

Lat. 54.° 30. Long 3.° — 12. W.

RA

~~Days~~

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

	Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date	
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.			
	1	17	00	1.04	01	00	00	27	12	00	02	00	56		1	
	2	01	00	52	08	00	00	25	75	24	02	05	18		2	
02	3	00	tr	15	04	00	00	tr	08	30	00	02	72		3	
	4	00	00	48	00	tr	00	25	00	00	tr	00	13		4	
	5	00	23	08	00	05	00	50	00	00	34	77	01		5	34
	6	58	35	09	00	tr	00	38	00	00	50	18	tr		6	
	7	74	25	35	00	tr	00	tr	00	07	tr	21	01		7	
	8	124	145	22	27	00	00	26	79	05	01	68	40		8	
	9	54	24	01	02	00	tr	07	36	09	24	00	43		9	
	10	09	01	~~32~~ .02	00	tr	32	00	62	100	42	14	13		10	
	11	16	40	30	00	01	22	00	11	00	21	10	00		11	
	12	28	23	tr	09	00	00	03	00	15	01	tr	00		12	
	13	13	01	01	24	20	01	44	00	10	10	40	00		13	
	14	102	tr	05	17	60	45	15	00	tr	02	86	00		14	02
	15	90	00	04	00	09	50	07	00	00	02	25	tr		15	
	16	64	10	01	00	02	—	45	00	00	tr	10	00		16	
	17	32	23	03	02	01	37	01	00	00	01	01	00		17	
	18	06	21	1.9	00	00	00	15	00	00	00	56	00		18	
	19	11	00	tr	00	00	01	64	01	00	00	tr	01		19	
	20	01	06	01	00	08	15	43	00	00	00	00	00		20	08
	21	17	86	24	20	01	—	(—	)28	00	00	00	00		21	
	22	15	47	14	13	00	—	—)	00	00	09	63	tr		22	
	23	[illegible]	49	10	25	00	05	19	00	00	05	83	00		23	
	24	07	41	tr	28	00	01	01	01	00	00	02	01		24	
20	25	21	06	01	20	00	00	00	00	00	00	130	tr		25	
	26	02	10	01	02	04	00	00	00	00	18	01	00		26	
	27	02	85	03	02	00	43	03	11	00	08	20	00		27	
	28	01	10	11	01	00	97	69	01	00	tr	50	[illegible]		28	
	29	00	104	07	03	00	35	32	00	00	39	23	07		29	
	30	00		00	00	00	—	17	00	00	00	83	02		30	
	31	00		00		00		31	00		00		00		31	
	TOTAL	7.65	8.45 ~~8.14~~	4.29 4.29	2.68 ~~2.66~~	1.12	3.844 ~~3.87~~	6.07	3.35	2.00	6 2.19	8.08 ~~7.03~~	2.68	Year's Total 52.50	✓	
	* Days with .01 in. or more.	24	22	26	18	10	13	23	12	8	18	23	13	210	✓	
	* Days with .04 in. or more.	19	20	17	11	6	10	19	9	8	11	19	8	157	✓	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3644

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Mirehouse
in the County of Cumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 6 in.
,, Ground ,, Sea Level 280 ft.

Jan & Feb apportioned
Oct & Nov
By Miss Speddings
B.A.
Lat: 54°.30 Long 3°–12 W
Snows
Days

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0	0	00	00	00	00	00	00			~~1.59~~ (·33)	48		1
2	0	0	00	00	00	00	35	00	85	00	71	19		2
3	0	~~95~~ (·15)	00	45	00	00	13	00	00	00	00	56		3
4	0	20	00	00	00	00	004	00	13	00	00	95		4
5	0	01	00	00	30	00	904	00	90	97	00	6		5
6	0	01	00	40	00	00	404	00	00	47	00	6		6
7	04	00	00	15	05	00	00	29	30	00	00	12		7
8	0	00	18	00	00	00	06	28	00	1.19	88	00		8
9	0	00	52	00	00	00	72	48	00	1.06	50	00		9
10	0	00	08	00	00	00	80	00	00	15	29	32		10
11	0	00	115	06	00	00	00	23	00	00	1.12	00		11
12	0	00	85	00	00	00	00	00	00	00	11	01		12
13	0	06	05	00	00	00	106	00	00	00	00	00		13
14	0	00	22	00	00	00	00	00	00	00	28	49		14
15	0	00	02	38	20	00	00	00	00	00x (·40)	00	16		15
16	0	00	02	00	00	00	00	00	00	00x	00	42		16
17	0	00	00	00	00	00	99	41	1.53	00	00	06		17
18	0	00	50	00x	00	00	00	00	1.30	00	00	70		18
19	0x	08	73	00x	00	00	25	60	00	00	1.24	00		19
20	0x	Tr	25	61x	00	00	00	00	19	~~00~~ (·20)	13	01		20
21	0	00	22	06	00	74	00	67	00	00	00	06		21
22	101	(·28) 00	00	00	00	45	00	06	00	14	00	00		22
23	01	14	09	09	07	05	07	00	83	21	20	00		23
24	0x	00	00	00	00	02	15	00	00	03	00	00		24
25	0x	00	00	00	72	02	01	00	00	tr	00	06		25
26	0x	0x (·40)	07	00	00	00	00	40	03	22	28	01		26
27	688 0x	0x	00	00	00	00	00	00	00	06	00	01		27
28	0x	00	00	tr	104	00	00	00	00	15	00	33		28
29	0x	00	004x	05	00	12	25	00	00	00 (1·20)	00	00		29
30	0	×	30x	00	00	00	00	00	00	00x	00	76		30
31	0	×	62	×	03	×	00	00	×	00x	×	01		31
TOTAL	~~1.06~~ 1·86	~~1.39~~ ~~·59~~	5.87	2.25	2.41	1.40	5.24	2.82	6.06	~~4.65~~ 6·25	~~7.27~~ 6·07	5.71	Year's Total ~~4.3?~~	47·33 ~~46·18~~
* Days with .01 in. or more.	10	1·19	18	11	7	6	15	8	9	16	12	21	14a	"d"
* Days with .04 in. or more.	8	9 7	16	11	6	4	14	8	8	13	12	16	12	0

† Spare column, no entries required.

(Signed) Blanche G. Spedding

* See Instruction 3 (f) on other side.

[P.T.O.

3645

Section **A** for the entry of Daily Obser

AIR MINISTRY.—METEOR

3645

STAINBURN RES

1931 – 1940

780703

COPY FOR OFFICIAL USE.

AINFALL ORGANIZATION.

FORM 1090.

REGISTER O 1931 .

Kept at Stainburn Reservoir, W

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 180 ft.

0703

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	–	·10	–	·01	·21	–	·78	·28	–	·08	1
2	·05	–	–	·05	–	1·04	·01	–	·35	·07	·53	1·10	2
3	–	–	–	–	–	·10	·94	–	·37	·23	1·45	·35	3
4	–	–	–	·15	–	–	·01	–	·01	·01	·01	·12	4
5	–	·12	–	–	·13	·74	–	–	–	·05	·01	·91	5
6	–	·37	–	–	·01	·35	–	–	·05	·51	·22	–	6
7	–	·15	–	–	–	·30	–	·60	–	·22	·06	·21	7
8	·20	·24	–	–	–	·01	·65	·08	–	·05	·10	·01	8
9	·10	·17	–	·01	·15	·10	·06	·30	·10	·88	·14	·01	9
10	·25	·08	–	–	·65	·22	–	–	·01	–	·41	–	10
11	·05	·45	–	·01	–	·01	·61	–	·35	·12	·01	·01	11
12	–	–	·05	·05	–	·10	·12	·01	–	·10	–	–	12
13	·10	–	·50	·07	·11	·07	·07	–	–	–	·30	·05	13
14	–	·15	·01	–	–	1·60	·34	·17	–	–	·38	·01	14
15	·12	·17	–	·09	–	·62	·17	·15	·01	–	–	–	15
16	·01	–	–	·19	–	·25	·05	·38	·33	–	–	–	16
17	·15	·05	–	·08	–	·11	·30	·20	–	–	·17	–	17
18	·10	–	–	–	·05	·01	–	·01	–	·01	·30	–	18
19	–	·50	·01	–	–	·01	·01	1·60	–	–	·01	–	19
20	·30	·10	·05	–	–	·01	–	·05	–	–	·16	–	20
21	·42	–	·15	·05	·05	·01	·05	·30	–	–	–	–	21
22	·30	·01	–	·09	·06	·07	·25	–	–	–	·01	·18	22
23	·24	–	–	·10	·10	·20	–	–	–	·01	·40	1·64	23
24	–	·52	–	·12	·11	–	·01	–	–	–	·30	·06	24
25	–	·05	–	·16	–	–	–	–	–	–	·05	·01	25
26	·15	–	–	·01	–	–	–	–	–	·06	·53	–	26
27	·32	·01	–	–	·05	–	·08	–	–	·12	·22	·01	27
28	·05	·05	–	·15	·13	·01	·01	–	–	–	–	·10	28
29	–	×	·01	–	·01	–	·85	–	–	·57	–	–	29
30	·35	×	–	–	·01	–	–	–	·08	–	·01	–	30
31	–	×	–	×	·32	×	·01	–	×	·35	×	·40	31
TOTAL	3·26	3·19	·78	1·48	1·94	5·95	4·81	3·85	2·44	3·64	5·78	5·26	YEAR'S TOTAL 42·38
*Days with ·01 in. or more.	18	17	7	17	15	23	21	12	11	17	23	18	199
*Days with ·04 in. or more.	17	15	4	14	12	15	15	10	8	14	17	12	153

40-9999

(Signed) John Penman
Borough Surveyor,
Workington.

[P.T.O.

*See Instruction 2 (*f*) on other side.

3645

Section **A** for the entry of Daily Obser

AIR MINISTRY.—METEOR

COPY FOR OFFICIAL USE.

AINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at Stainburn Reservoir, Workington

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 180 ft.

0703

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	–	·10	–	·01	·21	–	·78	·28	–	·08	1
2	·05	–	–	·05	–	1·04	·01	–	·35	·07	·53	1·10	2
3	–	–	–	–	–	·10	·94	–	·37	·23	1·45	·35	3
4	–	–	–	·15	–	–	·01	–	·01	·01	·01	·12	4
5	–	·12	–	–	·13	·74	–	–	–	·05	·01	·91	5
6	–	·37	–	–	·01	·35	–	–	·05	·51	·22	–	6
7	–	·15	–	–	–	·30	–	·60	–	·22	·06	·21	7
8	·20	·24	–	–	–	·01	·65	·08	–	·05	·10	·01	8
9	·10	·17	–	·01	·15	·10	·06	·30	·10	·88	·14	·01	9
10	·25	·08	–	–	·65	·22	–	–	·01	–	·41	–	10
11	·05	·45	–	·01	–	·01	·61	–	·35	·12	·01	·01	11
12	–	–	·05	·05	–	·10	·12	·01	–	·10	–	–	12
13	·10	–	·50	·07	·11	·07	·07	–	–	–	·30	·05	13
14	–	·15	·01	–	–	1·60	·34	·17	–	–	·38	·01	14
15	·12	·17	–	·09	–	·62	·17	·15	·01	–	–	–	15
16	·01	–	–	·19	–	·25	·05	·38	·33	–	–	–	16
17	·15	·05	–	·08	–	·11	·30	·20	–	–	·17	–	17
18	·10	–	–	–	·05	·01	–	·01	–	·01	·30	–	18
19	–	·50	·01	–	–	·01	·01	1·60	–	–	·01	–	19
20	·30	·10	·05	–	–	·01	–	·05	–	–	·16	–	20
21	·42	–	·15	·05	·05	·01	·05	·30	–	–	–	–	21
22	·30	·01	–	·09	·06	·07	·25	–	–	–	·01	·18	22
23	·24	–	–	·10	·10	·20	–	–	–	·01	·40	1·64	23
24	–	·52	–	·12	·11	–	·01	–	–	–	·30	·06	24
25	–	·05	–	·16		–	–	–	–	–	·05	·01	25
26	·15	–	–	·01	–	–	–	–	–	·06	·53	–	26
27	·32	·01	–	–	·05	–	·08	–	–	·12	·22	·01	27
28	·05	·05	–	·15	·13	·01	·01	–	–	–	–	·10	28
29	–	×	·01	–	·01	–	·85	–	–	·57	–	–	29
30	·35	×	–	–	·01	–	–	–	·08	–	·01	–	30
31	–	×	–	×	·32	×	·01	–	×	·35	×	·40	31
TOTAL	3·26	3·19	·78	1·48	1·94	5·95	4·81	3·85	2·44	3·64	5·78	5·26	YEAR'S TOTAL 42·38
*Days with ·01 in. or more.	18	17	7	17	15	23	21	12	11	17	23	18	199
*Days with ·04 in. or more.	17	15	4	14	12	15	15	10	8	14	17	12	153

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) John Penman
Borough Surveyor
Workington.

[P.T.O.

COPY FOR OFFICIAL USE.

Section | **A** | **for the entry of Daily Observations.** **Station No** 3645

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at STAINBURN RESERVOIR, WORKINGTON

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground One ft – in.

,, Ground ,, Sea Level 180 ft.

Oct 1" high. accept. no case.

116

AV 369 116%

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.35	–	–	.40	–	–	–	.01	1.20	.50	.16	.54	1
2	.39	.01	–	.12	.11	–	.31	.10	.53	–	.18	.05	2
3	.01	–	–	–	–	–	.23	.01	.20	–	.06	.31	3
4	.15	–	.01	–	–	–	.23	.01	.05	.05	–	–	4
5	.20	–	.14	.10	.01	–	–	.01	.40	–	–	–	5
6	.30	–	.13	.25	–	–	–	–	.05	.37	–	–	6
7	–	–	.32	.13	–	–	–	–	.05	.50	–	–	7
8	.11	–	–	.24	.01	–	.01	–	.30	.35	–	–	8
9	.86	–	–	.28	–	–	.01	–	.12	.46	–	–	9
10	.12	–	.01	.10	–	–	–	–	.65	.05	–	–	10
11	.24	–	–	–	.80	–	.16	.01	–	.05	–	–	11
12	.33	–	.01	–	1.20	–	.65	.12	–	.47	–	–	12
13	.08	–	–	.33	.22	–	.05	.01	.48	.14	–	.12	13
14	.51	–	–	.05	–	–	–	–	.05	–	.05	.22	14
15	.15	–	–	–	.27	–	.10	–	–	.15	.05	.10	15
16	.68	–	–	–	–	–	.05	.12	–	.16	–	1.45	16
17	.01	–	–	–	–	–	.01	.08	–	.40	–	1.65	17
18	.01	–	–	–	.14	–	–	–	–	–	–	.85	18
19	.05	–	.01	.05	.10	–	.08	–	–	.22	.05	.22	19
20	.09	–	.11	.14	.01	–	–	.71	–	.16	.10	.05	20
21	.15	.01	.75	–	–	–	.05	.13	–	.60	.37	.05	21
22	–	–	.10	.15	–	–	.05	–	–	.11	.41	.20	22
23	–	.01	–	.01	–	–	.06	–	–	.16	.45	.18	23
24	.25	–	–	–	.05	–	.20	–	.24	.05	.11	.05	24
25	–	–	–	.10	.14	.01	.08	–	.30	.60	.25	.05	25
26	–	–	–	–	.01	.01	.31	.11	.25	.21	.05	.10	26
27	–	–	.50	.01	–	.63	.15	–	–	.05	–	.22	27
28	–	–	.04	.07	.22	–	.10	.01	–	.06	.05	.05	28
29	–	–	1.07	.21	.05	.17	.38	.23	.05	.66	.42	.22	29
30	–	×	.10	.10	–	.55	.17	.15	.15	.05	.26	.05	30
31	–	×	–	×	–	×	–	.14	×	.09	×	.07	31
TOTAL	5.04	.03	3.30	2.84	3.34	1.37	3.44	1.96	5.07	6.67	3.02	6.80	YEAR'S TOTAL 42.88
*Days with ·01 in. or more.	21	3	14	19	15	5	22	17	17	26	16	22	197
*Days with .04 in. or more.	18	–	10	17	11	3	19	10	17	26	16	22	169

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) John Penman
Borough Surveyor

P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3645

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Stainburn Reservoir

in the County of Cumberland

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground One ft – in.

,, Ground ,, Sea Level 180 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·17	·05	·05	–	–	·15	–	·08	–	–	·17	–		1
2	·65	·05	·05	·05	–	·29	–	·05	–	–	–	–		2
3	·13	·60	·27	·05	·35	–	–	–	–	–	–	–		3
4	·72	·37	·11	–	·23	–	–	–	–	–	·13	–		4
5	·05	·05	·32	–	·10	–	–	–	–	–	·05	–		5
6	–	·25	·05	–	·30	–	–	–	–	–	·05	–		6
7	·10	·17	·05	–	·10	–	·15	·05	–	·70	–	–		7
8	·18	·05	·44	·58	·05	–	·05	–	–	·56	–	–		8
9	–	·35	·05	–	·05	–	·85	–	–	·77	·11	·05		9
10	·20	·05	–	–	–	·10	·13	–	–	·15	–	–		10
11	–	–	–	·19	–	–	·05	–	–	·07	–	·40		11
12	·10	–	–	–	–	–	·10	–	–	·11	·10	·05		12
13	–	–	·07	–	·18	–	·10	·23	·05	·05	·40	–		13
14	1·10	–	·05	–	–	–	·07	·05	–	–	·24	–		14
15	–	–	·14	·05	·05	·12	·12	·18	–	·20	·05	·05		15
16	·05	·05	·10	·48	·26	·34	–	·07	–	·10	–	·05		16
17	·01	–	·33	·05	–	·26	·05	·20	·10	·05	·05	·05		17
18	·05	–	·36	–	–	·05	·05	·05	–	–	·13	·05		18
19	–	–	·05	–	–	·05	–	·01	·90	–	·45	·05		19
20	–	·15	–	·05	·06	·05	–	·05	·15	·05	–	–		20
21	–	–	–	–	–	–	–	·05	–	·05	·05	–		21
22	–	–	–	–	·73	–	–	–	–	·16	·05	–		22
23	–	–	–	·16	·05	–	–	–	–	·05	–	–		23
24	–	·18	–	·38	·20	–	·20	–	·15	–	–	·10		24
25	–	·11	–	·07	·01	–	·05	·05	·05	–	–	·10		25
26	–	·45	–	·34	–	–	–	–	·25	·11	–	·10		26
27	–	·05	–	·05	–	–	·58	–	–	–	–	·05		27
28	–	·05	–	·05	–	–	·05	1·23	–	·10	–	–		28
29	–	–	·05	·16	–	–	·05	–	–	·05	–	·08		29
30	·14	X	–	–	–	–	·55	–	–	·08	–	·05		30
31	·53	X	·20	X	–	X	·05	·47	X	·05	X	·10	Year's Total	31
TOTAL	4·18	3·03	2·74	2·71	2·72	1·41	3·25	2·82	1·65	3·46	2·03	1·33	31·33	
*Days with ·01 in. or more.	15	17	18	15	15	9	18	15	7	19	14	15	177	
*Days with .04 in. or more.	14	17	18	15	14	9	18	14	7	19	14	15	174	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) John Penman

BOROUGH SURVEYOR.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3645

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Stainburn Reservoir

in the County of Cumberland

Diameter of Funnel of Gauge Five in.

Height of top of Gauge above Ground One ft — in.

,, Ground ,, Sea Level 180 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·45	–	·40	–	·05	–	–	·20	·05	–	–	·23		1
2	–	–	·06	–	–	–	–	·80	·20	·05	·36	·38		2
3	·60	–	·05	–	–	–	–	–	·17	·15	·16	·15		3
4	·30	–	·05	–	·10	–	–	–	–	·20	·05	·86		4
5	·05	–	·02	–	·18	–	–	·16	–	·06	–	·23		5
6	·20	·05	·02	·10	·45	–	–	·06	·05	·25	–	·10		6
7	·28	·05	·04	·10	·03	–	–	·01	·05	·05	·05	·17		7
8	·05	·04	·06	–	·47	·10	–	·21	·07	·38	–	·16		8
9	·25	–	–	·20	·01	–	–	·10	·14	·29	·30	·23		9
10	·15	–	·03	·03	–	–	–	·40	·18	·06	·05	–		10
11	·35	–	·02	·60	·04	–	–	·10	–	·02	·05	·16		11
12	·05	–	·04	·52	·01	–	–	·01	–	·05	–	·05		12
13	·15	–	–	·10	·05	–	·20	–	–	·07	–	·16		13
14	·20	–	·14	·02	·03	·10	–	·05	–	·22	·01	·05		14
15	·07	–	·01	·07	·86	–	·05	·38	·05	–	–	·05		15
16	·50	–	·40	·01	·07	–	·01	–	–	·05	·05	·10		16
17	·15	–	·17	·16	·06	–	·22	–	·16	·05	·01	·38		17
18	·65	–	·09	·19	·17	·55	·05	·26	·05	·05	–	·27		18
19	–	·07	·05	·01	·35	·35	·05	·04	·12	·27	·33	·12		19
20	·05	–	·01	·54	·45	·04	·07	·36	·15	·12	–	·05		20
21	–	–	·13	·02	·04	·36	·10	·37	·15	·48	·01	–		21
22	·10	–	·05	·01	–	·31	·01	·05	·30	·05	·05	–		22
23	–	–	·06	·45	–	–	·01	·06	–	·39	·16	–		23
24	–	·17	·01	·07	·30	·01	·10	–	·19	·65	·01	–		24
25	·05	·05	·07	·15	·01	–	·10	–	·30	·60	·08	·25		25
26	·05	–	–	–	–	·35	·06	–	·21	·41	·01	·16		26
27	–	–	–	·15	–	·12	·14	·23	·04	·05	·05	·15		27
28	–	–	–	–	–	·03	·01	·90	·21	·16	–	·39		28
29	–	–	–	–	–	–	·10	·35	·22	·07	–	·13		29
30	·30	×	–	–	–	–	·04	·08	1·30	·21	–	·11		30
31	–	×	–	×	–	×	–	·14	×	–	×	·19		31
TOTAL	5·00	·43	1·98	3·50	3·73	2·32	1·32	5·32	4·36	5·46	1·79	5·28	Year's Total. 40·49	
* Days with .01 in. or more.	22	6	23	20	20	11	17	23	22	28	18	26	236	
* Days with .04 in. or more.	22	6	16	14	15	9	13	21	22	27	13	26	204	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) John Penman
BOROUGH ENGINEER & SURVEYOR

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3645

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Stainburn Reservoir

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 180 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·30	·17	·01	·05	·05	–	·12	–	·66	–	·05	·11		1
2	·05	·13	·05	·01	·01	·18	–	–	·15	·30	·17	·05		2
3	·05	·20	·08	–	–	·07	·07	–	·35	–	·20	Tr.		3
4	–	·12	·06	–	–	·31	·05	–	·10	·05	·05	·11		4
5	–	·30	·04	–	–	–	·05	–	–	·11	·07	·10		5
6	·05	–	–	–	–	·21	–	–	–	·05	·16	·05		6
7	–	–	–	·07	–	·19	–	–	–	·82	–	·26		7
8	–	–	–	·17	–	·25	–	–	–	·63	–	·17		8
9	·05	·06	–	·41	–	–	·05	–	–	·91	·10	–		9
10	·10	·34	–	·06	–	·37	·05	–	·05	·05	·04	–		10
11	·23	·05	–	·02	–	·14	–	·32	–	·20	·11	–		11
12	–	·22	–	–	–	·04	–	–	·14	·06	·20	–		12
13	·13	·05	–	·06	·19	–	·01	–	·05	·14	·20	–		13
14	·05	·17	–	·05	·05	·20	–	·03	·10	–	·13	·23		14
15	·05	·24	–	·26	·16	·05	–	–	·13	·21	·22	·16		15
16	·05	·34	·01	·74	·32	·05	·10	·16	·40	–	·22	–		16
17	·01	·01	–	·22	–	·15	·05	·07	·03	·33	·40	–		17
18	–	·25	·01	–	·05	·05	·38	–	·62	·15	–	–		18
19	–	·80	–	·08	–	·15	·75	·01	–	·12	·07	–		19
20	–	·35	–	·22	–	·10	–	–	–	–	·05	–		20
21	–	–	·26	·05	–	·05	–	–	·06	·06	Tr.	·05		21
22	·01	·10	·09	·05	–	–	–	–	·05	–	–	–		22
23	·05	·31	·10	·06	–	·35	–	·05	·04	·11	–	–		23
24	·23	·40	·13	–	–	–	–	·01	·60	·10	Tr.	·05		24
25	·17	–	·01	–	–	–	–	·15	·05	·10	·26	Tr.		25
26	–	·06	·01	–	–	·03	·05	1·35	·06	·34	–	·19		26
27	–	·10	–	–	–	·11	·35	·03	·17	·20	·72	·05		27
28	·06	·05	–	–	–	–	–	·04	·19	·30	·10	Tr.		28
29	–	X	·14	–	–	·10	–	·30	·97	·23	·12	·07		29
30	·10	X	–	–	–	·26	–	·15	·12	·24	·51	Tr.		30
31	·11	X	–	X	–	X	–	–	X	·05	X	·45		31
TOTAL	1·85	4·82	1·00	2·58	·83	3·41	2·08	2·67	5·09	5·86	4·15	2·10	Year's Total. 36·44	
* Days with .01 in. or more.	19	23	14	17	7	22	13	13	22	25	22	15	212	
* Days with .04 in. or more.	17	22	9	15	6	21	12	9	21	25	22	15	194	

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† Spare column, no entries required.

(Signed) John Penman

BOROUGH SURVEYOR.

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3645

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Stainburn Reservoir

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 180 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.10	.21	–	–	–	–	1.20	.80	.18	–	.48	.05		1
2	–	Tr.	–	–	–	–	–	.07	.42	–	.31	.11		2
3	–	–	–	–	–	.20	–	–	.05	–	Tr.	.12		3
4	.49	Tr.	.41	–	–	–	.05	.01	.55	–	.22	.23		4
5	.15	.03	.04	–	–	.10	–	.37	.14	–	.15	.15		5
6	.05	–	.02	–	.10	Tr.	.23	.26	.53	–	.25	–		6
7	Tr.	–	.15	–	–	–	.05	–	.02	–	.50	.26		7
8	.25	–	.24	–	–	–	–	.05	–	–	.06	–		8
9	.74	–	.10	–	–	.03	–	.05	.25	Tr.	.24	Tr.		9
10	.20	–	–	–	–	–	–	–	Tr.	–	.45	–		10
11	–	–	–	.05	–	.08	.05	.20	.25	–	.25	.67		11
12	Tr.	–	–	.08	.03	–	.05	–	.38	–	.02	.03		12
13	–	–	–	.05	.15	–	.05	.10	.08	.30	.24	1.85		13
14	–	–	–	.06	.05	.70	Tr.	.10	1.30	.03	.14	.38		14
15	–	–	–	–	.22	.60	Tr.	–	Tr.	.15	.18	.78		15
16	–	–	.04	.06	.19	.55	.02	.01	–	.10	.35	.05		16
17	.10	.16	–	Tr.	.14	.14	.06	.08	–	.10	.06	.06		17
18	–	.14	–	.05	Tr.	–	.10	.18	–	.55	–	–		18
19	.17	.23	.03	Tr.	–	.05	.60	.15	–	.02	–	.02		19
20	.45	.54	.30	–	–	–	.21	–	–	.10	–	.15		20
21	.05	–	.03	–	–	.17	–	–	–	Tr.	–	.18		21
22	.06	.42	.02	–	–	.32	.18	.02	–	.07	–	–		22
23	Tr.	.11	–	.06	Tr.	–	.38	–	–	.20	Tr.	–		23
24	Tr.	–	–	.27	.46	–	.13	–	.75	.67	Tr.	–		24
25	.32	.03	–	.08	–	–	.15	–	.30	.12	Tr.	Tr.		25
26	.20	.05	.04	Tr.	–	–	Tr.	–	.02	.40	–	–		26
27	.20	–	–	–	–	–	Tr.	–	–	.07	Tr.	–		27
28	.10	.23	.10	.07	.05	.15	.20	–	–	–	.10	.02		28
29	.02	–	.43	–	.05	.65	.09	–	–	.38	.05	.03		29
30	.05	✕	.03	–	.05	.05	.75	.01	–	.11	Tr.	.26		30
31	Tr.	✕	.04	✕	Tr.	✕	.01	–	✕	–	✕	.23		31
													Year's Total	
TOTAL	3.40	2.15	2.02	.83	1.49	3.49	4.56	2.46	5.22	3.34	4.05	5.63	39.27	
* Days with .01 in. or more.	18	11	16	10	11	14	20	16	15	16	18	20	185	
* Days with .04 in. or more.	17	9	11	10	10	13	18	12.	13	14	17	16	160	

† Spare column, no entries required.

(*Signed*) John Penman [P.T.O.

Borough Engineer & Surveyor.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3645

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Stainburn Reservoir

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 180 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	Tr.	—	—	—	—	·12	—	·26	·35	Tr.	·22		1
2	·05	·43	·26	·15	—	·12	·02	—	·09	·02	·05	—		2
3	·06	·38	—	—	Tr	·53	1·37	—	—	—	—	·06		3
4	·28	—	—	·08	·05	·14	·23	Tr	·82	—	—	·65		4
5	·55	—	—	·10	—	·65	·35	—	·33	—	—	·05		5
6	—	—	—	·14	·06	·45	·05	·12	·02	—	—	—		6
7	·04	·21	—	·22	—	Tr.	·02	—	·04	—	—	·04		7
8	·05	·34	—	·18	—	·06	·17	·05	—	—	—	—		8
9	·02	·13	—	·03	·25	Tr	·13	·09	—	—	—	—		9
10	·02	·07	—	Tr.	·10	·03	—	—	—	—	—	·75		10
11	·11	—	·16	—	—	·06	·05	—	—	—	—	·02		11
12	1·35	·21	·14	·05	·04	·13	·06	·16	·24	·02	—	·15		12
13	Tr	·07	—	Tr	—	·02	·05	·30	Tr.	·01	—	·30		13
14	Tr	·06	—	—	—	—	·29	·24	·22	·01	—	·11		14
15	·38	·50	·04	·32	—	—	—	—	·10	—	—	—		15
16	·04	·25	·22	·41	—	—	—	·20	—	—	—	—		16
17	·30	·11	·13	·38	—	—	—	—	·08	—	—	—		17
18	Tr.	·10	·15	·05	—	—	·03	·26	—	—	·40	—		18
19	·10	·30	·02	·54	—	·04	—	·02	—	—	·20	—		19
20	·15	·14	·05	Tr.	·40	—	·21	—	—	·07	·06	·05		20
21	·39	·05	·03	·11	·03	—	·50	—	—	·10	·05	·10		21
22	·07	—	Tr	·04	·32	—	·04	—	—	·38	—	·34		22
23	·05	—	·12	Tr.	·05	—	·15	—	·24	·80	Tr	·13		23
24	·20	—	·14	—	·05	—	·05	—	·29	·08	·01	·10		24
25	·01	·24	—	—	—	—	—	Tr	—	·30	·01	·02		25
26	—	·39	—	—	·13	—	—	—	·02	·50	—	·05		26
27	—	·34	—	·16	—	·05	·34	—	·10	·26	—	·01		27
28	—	·04	—	Tr	—	·12	—	—	—	·03	·06	—		28
29	—	X	—	—	—	·05	—	—	Tr.	·05	·27	·01		29
30	·05	X	—	—	Tr	·10	—	—	·54	·20	·24	·01		30
31	·06	X	—	X	·02	X	—	·47	X	·07	X	—		31
TOTAL	4·36	4·36	1·46	2·96	1·50	2·55	4·23	1·91	3·39	3·25	1·35	3·17	Year's Total 34·49	✓
* Days with .01 in. or more.	23	20	12	16	12	15	20	10	15	17	10	20	190	✓
* Days with .04 in. or more.	19	20	10	15	10	13	17	9	13	12	8	15	161	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John Penman per

P.T.O.

BOROUGH ENGINEER & SURVEYOR.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3645.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Stainburn Reservoir

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 180 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·10	·04	–	–	1·18	–	–	·13	–	·04	·15		1
2	–	·06	–	·26	–	·16	–	–	·30	·60	·08	·23		2
3	–	·01	–	–	–	·21	·30	–	·14	1·10	·34	Tr.		3
4	Tr.	Tr.	Tr.	·10	–	·97	Tr.	–	–	·17	·04	·88		4
5	·01	·08	–	–	–	·09	·41	–	–	·25	–	·01		5
6	·25	·01	–	·02	–	·90	·10	·05	·06	·83	·02	Tr.		6
7	·02	–	–	–	–	–	·61	·11	Tr.	·10	·29	·02		7
8	·31	·30	–	–	–	–	·20	·30	–	·42	·60	·08		8
9	·25	·20	Tr.	–	·03	·16	·02	–	–	·01	–	·30		9
10	·25	Tr.	Tr.	–	Tr.	·07	·25	–	–	·13	–	·06		10
11	·20	·03	Tr.	–	·24	·13	Tr.	·06	·01	·50	·13	·08		11
12	·29	–	–	–	·28	–	–	–	–	1·50	1·53	·06		12
13	·05	–	–	–	·32	–	1·08	·07	·05	·02	·06	·03		13
14	·62	–	–	–	·10	–	–	–	–	–	–	·01		14
15	·35	–	·50	–	·51	–	Tr.	1·05	Tr.	·68	–	·20		15
16	·20	–	Tr.	–	·31	–	·01	·05	·86	·37	·18	·01		16
17	–	–	·05	–	·50	–	·10	·29	·21	·51	·08	–		17
18	·23	Tr.	·15	–	–	·13	–	·22	Tr.	·26	·72	–		18
19	Tr.	–	·50	–	–	–	·06	·68	·07	–	·06	–		19
20	·10	–	·83	–	–	–	–	·21	·10	–	·20	–		20
21	–	–	–	·02	–	–	–	Tr.	·10	·36	·46	–		21
22	–	–	–	Tr.	·23	–	–	–	–	·02	·34	–		22
23	·20	–	·05	–	·26	·22	–	·08	·06	–	·43	–		23
24	·21	·04	·13	–	·02	·22	·04	Tr.	·27	·31	·26	–		24
25	·01	·25	·06	–	·34	–	·48	–	Tr.	·10	·06	·35		25
26	·05	·41	·18	–	·28	·80	·15	–	–	·25	·03	·04		26
27	·25	·13	–	–	·01	·18	·48	·26	–	·04	·54	–		27
28	·15	·05	·05	–	·14	·85	·33	–	–	·07	·05	·10		28
29	·05	X	–	–	·22	·02	2·80	–	·03	·14	·60	·28		29
30	·20	✕	–	–	–	Tr.	·46	–	·13	·04	·29	Tr.		30
31	·18	✕	–	✕	·58	✕	–	·05	✕	·70	✕	·62		31
TOTAL	4·43	1·67	2·54	0·40	4·37	6·29	7·88	3·48	2·52	9·38	7·43	3·51	Year's Total 53·90	✓
* Days with .01 in. or more.	23	13	11	4	17	16	18	14	15	26	25	19	201	✓
* Days with .04 in. or more.	20	10	11	2	14	15	16	14	13	22	23.	14	174	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John Penman

BOROUGH ENGINEER & SURVEYOR.

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Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 180 ft.

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	—	·52	·15	—	—	·21	·03	·10	Tr.	—	·31		1
2	—	—	·38	·05	—	—	·12	·20	·34	—	—	·05		2
3	—	·01	·08	·03	—	—	—	·04	·65	—	—	·55		3
4	—	·14	·36	—	—	—	·22	—	—	—	Tr.	·15		4
5	—	·14	·04	—	—	—	·28	—	—	·10	·35	·01		5
6	·28	·42	·04	—	—	—	·15	·03	—	—	·10	—		6
7	·60	·14	·15	—	—	—	·03	—	·10	—	·16	·01		7
8	1·42	1·29	·04	·45	—	—	·10	—	·10	—	·45	·29		8
9	·20	·23	—	·02	—	Tr.	·01	1·00	·29	·24	Tr.	·36		9
10	·05	·02	·05	—	—	·10	—	·18	·80	·83	·08	·30		10
11	·03	·16	·21	—	—	·91	—	Tr.	—	·04	·10	—		11
12	·16	·11	Tr.	·16	—	·01	·16	—	·16	—	—	—		12
13	·12	Tr.	Tr.	·21	·11	·02	·93	—	·01	·02	·45	—		13
14	·44	Tr.	Tr.	·16	·10	·45	·11	—	—	Tr.	·48	—		14
15	·35	·02	·02	·26	·02	·44	·44	—	—	—	·32	—		15
16	·25	·05	—	·05	—	—	·05	—	—	—	·12	—		16
17	·35	·08	·05	Tr.	—	·36	·05	—	—	—	·02	—		17
18	·50	·10	·21	—	—	·01	·02	—	—	—	·34	—		18
19	·10	—	—	—	—	—	·98	—	—	—	—	—		19
20	·03	·04	—	—	—	·05	·20	—	—	—	—	—		20
21	·05	·60	·10	·03	·03	—	—	·10	Tr.	·02	—	—		21
22	·04	·22	·02	·10	—	—	·04	·03	—	·04	·80	—		22
23	—	·21	·01	·16	—	Tr.	·04	Tr.	—	·04	·02	—		23
24	·04	·25	—	·05	—	Tr.	Tr.	—	—	—	—	—		24
25	·28	·04	—	·06	—	—	—	—	—	—	1·05	·04		25
26	—	—	Tr.	·08	Tr.	—	—	·43	—	—	—	—		26
27	—	·20	·05	·02	—	·34	·13	·01	—	—	·05	—		27
28	—	·03	·10	—	—	·45	1·46	—	—	—	·50	—		28
29	—		·05	Tr.	—	·25	·30	—	—	·05	·12	·04		29
30	—	✕	—	—	—	·05	·10	—	—	·05	·39	—		30
31	—	✕	—	✕	—	✕	·18	—	✕	Tr.	✕	—		31
TOTAL	5·38	4·56	2·51	2·04	0·26	3·50	6·31	2·35	2·58	1·52	5·93	2·14	Year's Total 39·08	✓
* Days with .01 in. or more.	20	22	19	14	4	13	24	10	9	10	19	11	148	✓
* Days with .04 in. or more.	18	18	16	13	2	10	21	6	8	8	14	9	145	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) A. S. Cooke

BOROUGH ENGINEER

P.T.O.

COPY FOR OFFICIAL USE

Section A **for the entry of Daily Observations** Station No. 3645

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Stainburn Reservoir

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 180 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·25	–	–	·01	–	–	–	·10	·35		1
2	–	–	–	·10	–	–	·33	–	–	–	·43	·18		2
3	–	Tr.	–	Tr.	–	–	–	–	–	·03	–	·09		3
4	–	·16	–	·03	–	–	·07	·09	·07	·04	–	·30		4
5	–	·01	–	Tr.	·30	–	·03	–	–	·64	·13	·52		5
6	·06	·05	–	·20	–	–	·06	–	–	·32	·12	·01		6
7	·05	·03	–	·20	·20	–	–	·15	·07	·14	Tr.	–		7
8	·02	–	·30	Tr.	–	–	–	·30	–	·90	·26	·25		8
9	–	–	·81	·06	–	–	·41	·15	·28	·63	·45	·07		9
10	–	–	·12	Tr.	–	–	·60	·02	Tr.	·05	·15	·13		10
11	–	–	1·25	·02	–	–	·50	–	·16	–	·74	–		11
12	–	–	·90	–	–	Tr.	·01	·07	·45	–	·03	–		12
13	–	–	·06	Tr.	–	–	·15	·09	·22	–	·05	·14		13
14	Tr.	–	·05	·20	–	–	·13	·10	·06	–	·02	·33		14
15	–	–	·10	·02	·44	–	–	–	–	·03	·06	·20		15
16	–	Tr.	·04	–	Tr.	–	·16	–	1·05	·07	Tr.	·18		16
17	–	–	·30	Tr.	–	–	·49	·07	·15	·06	·03	·21		17
18	–	–	·13	·06	–	–	·19	·38	·63	–	·70	·48		18
19	–	·14	·35	·12	–	–	·04	–	·13	–	·10	Tr.		19
20	–	–	·12	·23	–	–	–	·16	·10	·46	–	–		20
21	–	–	·11	·03	–	·56	–	–	·04	Tr.	–	–		21
22	–	·05	–	–	–	·07	–	·01	·33	–	·21	–		22
23	·50	·07	·06	·20	·04	–	·22	–	·04	–	·02	Tr.		23
24	·75	·02	–	Tr.	–	–	·10	Tr.	–	–	·03	–		24
25	·07	–	–	–	·23	–	–	Tr.	–	–	·28	–		25
26	·28	·25	Tr.	–	–	–	–	·05	Tr.	–	·05	–		26
27	Tr.	·07	–	–	·10	–	·01	–	–	–	–	Tr.		27
28	Tr.	–	·04	–	·12	–	–	·20	–	–	Tr.	·22		28
29	–	–	·21	·11	–	·26	·15	–	–	·02	·04	·35		29
30	–	✕	·05	Tr.	·04	–	–	–	–	·26	·01	·61		30
31	·10	✕	·95	✕	–	✕	–	–	✕	·25	✕	–		31
TOTAL	1·83	·85	5·95	1·83	1·47	·89	3·66	1·84	3·78	3·90	4·01	4·62	Year's Total 34·63	
* Days with .01 in. or more.	8	10	19	15	8	3	19	14	15	15	22	18	166	
* Days with .04 in. or more.	7	7	19	11	8	3	15	12	15	12	16	17	142	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Cooper [P.T.O.

BOROUGH ENGINEER

3646

3646.

CUMBERLAND.

BLENCATHRA

SANATORIUM.

1931 — 40

78 0703

Section **A** for the entry of Daily Ob

AIR MINISTRY.—METE TISH RAINFALL ORGANIZATION.

COPY FOR OFFICIAL USE.

FORM 1090.

REGISTER IN 1931.

Kept at Blencathra Sanat

in the County of Cumberland

Diameter of Funnel of Gauge 5" in

Height of top of Gauge above Ground 1

,, Ground ,, Sea Level 884 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	0·03	—	0·02	—	—	0·14	0·06	0·25	0·47	—	—	1
2	—	0·07	—	0·15	—	0·91	0·06	—	0·94	0·19	1·31	1·62	2
3	—	0·02	—	—	—	0·04	0·48	—	0·80	0·195	3·475	0·24	3
4	—	—	—	0·34	—	—	0·04	—	0·20	0·20	0·06	0·15	4
5	—	0·11	—	—	0·18	0·33	—	—	0·015	0·125	0·02	1·15	5
6	—	0·26	—	—	—	0·32	0·45	—	0·085	0·76	0·45	0·01	6
7	—	0·13	—	—	—	0·55	—	0·40	—	0·165	0·115	0·17	7
8	0·15	—	—	—	TR	—	0·65	0·09	—	0·315	0·145	0·08	8
9	0·05	0·44	0·09	0·04	0·07	0·09	0·08	1·30	0·02	0·725	0·23	0·165	9
10	0·31	0·26	0·09	—	1·46	0·80	—	}	TR	TR	0·495	0·025	10
11	0·90	0·86	—	0·17	—	—	0·28	0·10	0·35	0·045	0·50	0·01	11
12	0·06	0·03	0·05	0·03	0·02	0·03	0·19	TR	—	0·12	0·06	TR	12
13	—	—	0·69	0·04	0·23	0·04	0·04	0·05	—	—	0·19	0·02	13
14	0·16	0·06	0·04	—	0·19	2·18	0·54	0·19	0·005	—	0·27	0·30	14
15	0·16	0·38	—	0·34	—	0·64	0·14	}	0·02	—	—	—	15
16	0·60	0·07	—	0·45	—	0·12	0·24	1·76	0·175	—	—	—	16
17	0·03	—	—	0·38	0·39	—	1·43	0·75	0·01	—	0·165	—	17
18	0·50	—	—	0·10	—	0·42	0·44	0·25	0·025	0·025	0·32	—	18
19	0·15	0·26	—	—	—	—	0·29	0·89	—	—	TR	—	19
20	—	0·19	—	—	—	0·20	—	0·09	—	—	0·20	—	20
21	0·24	0·18	0·17	0·04	0·18	0·32	0·04	0·33	—	—	TR	—	21
22	0·76	0·26	0·10	0·26	0·09	0·29	0·56	0·01	—	—	0·16	—	22
23	0·39	—	—	0·31	0·17	0·50	—	TR	—	0·35	0·965	0·88	23
24	0·36	0·40	—	0·14	0·22	—	0·01	—	—	TR	0·415	0·10	24
25	0·21	0·61	—	0·27	—	—	—	—	—	—	0·10	0·07	25
26	—	—	—	0·37	—	—	—	—	—	0·15	0·52	0·025	26
27	0·61	0·04	—	—	—	—	1·20	—	—	0·30	0·15	0·045	27
28	0·72	0·03	—	0·52	0·47	0·08	0·88	—	0·005	0·005	0·015	0·08	28
29	0·09		—	—	0·03	—	1·46	—	TR	0·59	0·045	TR	29
30	0·04	×	—	0·02	0·18	—	—	—	0·095	TR	TR	0·035	30
31	0·72	×	—	×	—	×	0·05	—	×	0·45	×	0·23	31
TOTAL	7·21	4·69	1·23	3·99	3·88	7·86	9·69	6·27	2·995	5·180	10·375	5·405	YEAR'S TOTAL 68·775
*Days with ·01 in. or more.	21	21	7	19	14	18	23	14	15	18	24	20	214
*Days with ·04 in. or more.	20	17	7	16	12	17	22	13	8	16	22	14	184

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(Signed) W. C. Goodchild

Medical Superintendent

[P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry of Daily O 3646

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Blencathra Sanatorium,

in the County of Cumberland.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 4 2/3 in.

,, Ground ,, Sea Level 884 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	0·03	—	0·02	—	—	0·14	0·06	0·25	0·47	—	—	1
2	—	0·07	—	0·15	—	0·91	0·06	—	0·94	0·19	1·31	1·62	2
3	—	0·02	—	—	—	0·04	0·48	—	0·80	0·195	3·475	0·24	3
4	—	—	—	0·34	—	—	0·04	—	0·20	0·20	0·06	0·15	4
5	—	0·11	—	—	0·18	0·33	—	—	0·015	0·125	0·02	1·15	5
6	—	0·26	—	—	—	0·32	0·45	—	0·085	0·76	0·45	0·01	6
7	—	0·13	—	—	—	0·55	—	0·40	—	0·165	0·115	0·17	7
8	0·15	—	—	—	TR	—	0·65	0·09	—	0·315	0·145	0·08	8
9	0·05	0·44	0·09	0·04	0·07	0·09	0·08	1·30	0·02	0·725	0·23	0·165	9
10	0·31	0·26	0·09	—	1·46	0·80	—		TR	TR	0·495	0·025	10
11	0·90	0·86	—	0·17	—	—	0·28	0·10	0·35	0·045	0·50	0·01	11
12	0·06	0·03	0·05	0·03	0·02	0·03	0·19	TR	—	0·12	0·06	TR	12
13	—	—	0·69	0·04	0·23	0·04	0·04	0·05	—	—	0·19	0·02	13
14	0·16	0·06	0·04	—	0·19	2·18	0·54	0·19	0·005	—	0·27	0·30	14
15	0·16	0·38	—	0·34	—	0·64	0·14		0·02	—	—	—	15
16	0·60	0·07	—	0·45	—	0·12	0·24	1·76	0·175	—	—	—	16
17	0·03	—	—	0·38	0·39	—	1·43	0·75	0·01	—	0·165	—	17
18	0·50	—	—	0·10	—	0·42	0·44	0·25	0·025	0·025	0·32	—	18
19	0·15	0·26	—	—	—	—	0·29	0·89	—	—	TR	—	19
20	—	0·19	—	—	—	0·20	—	0·09	—	—	0·20	—	20
21	0·24	0·18	0·17	0·04	0·18	0·32	0·04	0·33	—	—	TR	—	21
22	0·76	0·26	0·10	0·26	0·09	0·29	0·56	0·01	—	—	0·16	—	22
23	0·39	—	—	0·31	0·17	0·50	—	TR	—	0·35	0·965	0·88	23
24	0·36	0·40	—	0·14	0·22	—	0·01	—	—	TR	0·415	0·10	24
25	0·21	0·61	—	0·27	—	—	—	—	—	—	0·10	0·07	25
26	—	—	—	0·37	—	—	—	—	—	0·15	0·52	0·025	26
27	0·61	0·04	—	—	—	—	1·20	—	—	0·30	0·15	0·045	27
28	0·72	0·03	—	0·52	0·47	0·08	0·88	—	0·005	0·005	0·015	0·08	28
29	0·09		—	—	0·03	—	1·46	—	TR	0·59	0·045	TR	29
30	0·04	×	—	0·02	0·18	—	—	—	0·095	TR	TR	0·035	30
31	0·72	×	—	×	—	×	0·05	—	×	0·45	×	0·23	31
TOTAL	7·21	4·69	1·23	3·99	3·88	7·86	9·69	6·27	2·995	5·180	10·375	5·405	YEAR'S TOTAL 68·775
*Days with ·01 in. or more.	21	21	7	19	14	18	23	14	15	18	24	20	214
*Days with ·04 in. or more.	20	17	7	16	12	17	22	13	8	16	22	14	184

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*See Instruction 2 (*f*) on other side.

(*Signed*) W Goodchild

Medical Superintendent

[P.T.O.

Card for Arith. Circ 7. sent 20.2.33 3646

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3646

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Blencathra Threlkeld

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 885 ft.

May 5th, and Dec. 30th amended by surrounding stations. Occasionally W.D. also,

Letter sent 17/2/33 pointing out [illegible]

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.62	—	—	0.41	0.05	—	0.09	0.17	1.28	0.12	0.19	0.81	1
2	1.55	0.02	—	tr.	0.285	—	0.40	0.03	0.86	0.08	0.20	0.22	2
3	0.345	—	—	0.065	—	—	0.20	0.04	0.39	—	0.34	0.71	3
4	0.345	tr.	0.02	tr.	tr.	—	0.61	0.06	0.14	0.14	—	0.14	4
5	1.17	—	0.1	0.245	~~0.9~~ ·09	—	—	0.05	0.26	—	—	—	5
6	0.33	—	0.23	0.54	0.07	—	—	—	0.13	0.74	—	—	6
7	0.10	—	0.635	0.3	0.18	0.04	—	—	0.08	1.29	—	—	7
8	tr.	—	tr.	0.18	0.26	—	—	—	0.58	0.59	—	—	8
9	1.88	0.03	—	0.49	0.18	—	—	—	0.22	^	—	—	9
10	0.40	—	0.015	0.23	—	—	—	—	1.07	0.23	—	—	10
11	0.06	—	—	0.10	0.42	—	0.28	—	0.03	0.21	—	—	11
12	1.08	—	—	—	0.65	—	2.33	^	1.57	0.56	—	—	12
13	0.15	0.08	0.02	0.47	0.12	—	0.22	0.08	^	0.36	—	0.07	13
14	0.865	—	—	0.17	—	—	—	—	—	—	—	0.37	14
15	1.11	—	—	0.09	0.50	—	—	—	—	0.22	0.05	0.36	15
16	0.98	—	—	—	—	—	—	—	—	^	—	2.21	16
17	0.11	—	—	—	—	—	0.21	0.12	—	0.28	—	0.99	17
18	0.05	—	—	—	0.24	—	—	—	—	0.91	—	0.50	18
19	0.015	—	0.085	0.35	0.22	—	0.15	—	—	0.13	—	0.23	19
20	0.02	—	0.01	0.12	—	—	—	0.58	—	0.24	0.12	0.09	20
21	0.19	—	0.525	—	—	—	0.15	0.09	—	0.96	0.25	0.41	21
22	0.05	—	0.25	0.17	0.05	—	0.10	—	—	0.24	0.87	0.40	22
23	—	0.02	tr.	0.09	—	—	0.10	—	—	0.08	0.68	0.20	23
24	0.11	—	—	—	0.04	0.08	—	—	0.47	0.08	0.07	—	24
25	—	—	—	0.13	0.28	0.14	0.07	—	0.33	0.53	0.65	—	25
26	—	—	0.02	—	0.08	0.04	0.19	0.05	0.57	0.18	0.35	—	26
27	—	—	0.69	tr.	—	1.0	0.83	—	—	0.04	—	0.21	27
28	—	—	0.20	0.06	0.34	—	0.65	tr.	—	0.04	0.03	0.13	28
29	0.085	—	0.98	0.17	0.04	0.14	0.10	0.24	—	0.88	0.42	0.34	29
30	—	×	0.22	0.16	0.09	0.93	0.66	0.13	0.50	0.94	0.19	~~0.38~~ —	30
31	0.02	×	—	×	—	×	0.36	0.09	×	0.03	×	0.33	31 68.52
TOTAL	11.63~~5~~	0.15	4.0	5.04	~~4.995~~ 4.19	2.37	7.7	1.73	8.48	10.1	4.41	~~9.1~~ 8.72	YEAR'S TOTAL ~~70.77~~
*Days with ·01 in. or more.	24	4	15	20	20	4	19	13	16	26	14	20	198
*Days with .04 in. or more.	21	1	10	20	20	7	19	12	15	25	13	20	183

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) W. Goodwill

P.T.O.

3646

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~3646~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193~~4~~3

Kept at Blencathra Sanatorium

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 885 ft.

Occasionally W.D. wrong way. January amended .33" from 1932 return

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·33 2·18	·119	—	—	—	—	—	·075	tr.	—	·85	—	1
2	·20	·05	—	·08	—	·774	—	·05	—	—	—	—	2
3	·92	1·04	·17	·298	·34	—	—	tr.	—	—	·056	—	3
4	·13	·85	·252	—	·279	—	—	—	—	—	·06	—	4
5	—	·45	·738	—	·148	—	—	—	—	—	·05	—	5
6	—	·186	·136	—	·30	—	—	—	—	—	—	—	6
7	·21	·45	·066	—	·864	—	·67	·12	—	·59	—	—	7
8	·26	·14	·40	·60	·19	·038	·09	·02	—	·28	—	—	8
9	—	1·09	—	·03	·292	—	1·09	—	—	1·05	·162	—	9
10	·26	—	—	—	—	·146	·34	—	—	·29	—	tr.	10
11	—	·072	—	·20	·049	—	·25	—	—	·782	—	·05	11
12	·05	·072	—	—	—	—	·18	—	—	·045	—	—	12
13	—	—	·13	—	·188	—	·28	—	·08	·42	·298	—	13
14	·79	—	·108	—	—	—	—	·161	—	·13	·34	·038	14
15	·02	—	·312	·07	tr.	·099	·12	·30	—	·79	·128	—	15
16	—	—	·426	·22	·17	·409	—	·09	—	·078	·32	—	16
17	—	—	·39	—	—	1·13	·01	·40	·23	·049	·17	—	17
18	·10	tr.	·139	—	—	·288	—	·16	—	—	·02	·20	18
19	—	—	·388	—	—	·058	—	—	·176	—	·278	—	19
20	—	·38	—	—	·43	—	—	·29	·52	—	—	—	20
21	—	—	—	—	·94	·058	—	·46	—	·01	—	—	21
22	—	—	—	—	—	·14	—	·03	—	·06	—	—	22
23	—	tr.	—	·17	—	—	—	·07	·02	—	—	—	23
24	—	·61	—	·33	·42	·03	·17	·08	·29	—	·04	·075	24
25	—	}1·97	—	—	—	—	·208	·06	·40	—	—	·08	25
26	—		—	·168	—	—	—	—	·09	·55	—	—	26
27	—	—	—	·076	·123	—	·188	—	—	·04	—	—	27
28	—	—	—	—	—	—	·14	·92	—	·42	—	—	28
29	—	×	·026	·15	—	—	—	·04	—	·24	—	·13	29
30	·08	×	—	·498	—	—	1·13	—	—	·162	—	·13	30
31	2·20	×	·10	×	—	×	·065	·782	×	·18	×	·08	31
TOTAL	7·73 ~~7·40~~	7·479	3·781	2·890	3·932	3·170	4·931	4·107	1·806	6·166	2·772	·783	YEAR'S TOTAL 49·55 ~~49·217~~
*Days with ·01 in. or more.	13	15	15	13	14	11	15	18	8	19	13	8	163
*Days with .04 in. or more.	12	15	14	12	14	9	14	16	7	18	12	8	152

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*See Instruction 2 (*f*) on other side.

D

(*Signed*) W Goodhead

P.T.O.

3646

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~3646~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Blencathra Sanatorium

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 885 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·3		·119		01			·27	·05			·19		1
2								1·18	·332		·17	·49		2
3	·72							·068	·03	·24	·25	·14		3
4	·43		·08		·148				·13	·64		·78		4
5	·13	·02	·068		·5			·18		·28	·03	·39		5
6	1·35		·1	·11	1·19	TR		·2	·16	·69		·058		6
7	·699	·13	·15	·27		·05				·04		·48		7
8		·02			·068	·052			·085	·24		1·16		8
9	·6	·02	·07	·36				·13	·29	·28	·84	·5		9
10	·5		·09	·04				·17	·18	·214	·04	·068		10
11	·82		·112	·45				1·45		·28		·14		11
12	TR		·128	·8			03	·47		·1		·14		12
13	·36			·23	·18		·2	·21		·282		·07		13
14	} 1·55		·446	·06	·06	·14				·5		·25		14
15			·152	·12	·61		·6		·096	·23		·095		15
16	·94		·59		·538		·02	·265	·04	·1	·02	·14		16
17	·22		·09	·212	·32		·45		·76	·038	TR	·605		17
18	·61		·15	·07	·35	·7			·21	·034		·72		18
19			·119	·16	·49	·42	·054	·125	·44	·8		·08		19
20			·01	·152	·6	·048		·06	·16	·156	·046			20
21	·028	·07	·09		·078	·78		·62	·13	·5	·02			21
22	·01		·07	·03		·41		·7	·75	·1	·47			22
23	·09		·09	·45			·17	·44		·7	·505			23
24		·13	·015	·29	·229	·011	·08	·19	·16	·774	TR			24
25	·2		·14	·29	·06		·44		·49	·95	·11	·92		25
26	·19		·07	1·05		·37	·34		·77	·79		·29		26
27				·26		·46	·21		·18	·19	·04	·42		27
28		·29		·04		·192	·2	·08	·12	·59		·53		28
29		X						·92	·12	·262		·23		29
30		X					·068	·225	1·81	·73		·7		30
31	·48	X		X		X	·03	·095	X		X	·27		31
TOTAL	10·227	·68	2·949	5·444	5·431	3·633	3·392	8·048	7·493	10·73	2·541	9·856	Year's Total. 70·424	
* Days with .01 in. or more.	21	7	22	20	16	12	14	21	23	28	12	26	222	
* Days with .04 in. or more.	20	4	21	19	15	11	11	21	22	26	9	26	205	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) W Goodchild

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3646

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Blencathra San., Threlkeld

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 885 ft.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	1·5	·69	·03	—	—	—	·24	—	1·51	·04	·199	·31		1
2	·05	·048	·03	—	—	·17	·03	—	1·10	·396	·148	·099		2
3	·11	·794	·13	·20	—	·06	·36	—	·09	—	·42	·38		3
4	—	·17	·06	—	—	·56	·505	—	·34	·18	—	·05		4
5	—	·70	·14	—	—	} ·38	—	—	·078	·04	·36	·35		5
6	·14	—	—	—	—		—	—	—	·10	·162	—		6
7	—	—	—	·24	—	} ·90	—	—	—	·85	·3	·34		7
8	—	·02	—	·22	—		—	—	—	·25	·018	·32		8
9	·04	·06	—	1·06	—	·01	—	—	—	·982	·04	—		9
10	·51	·60	—	·20	—	·09	—	—	—	·69	—	—		10
11	—	·40	—	·02	—	·60	—	—	—	·382	} ·34	—		11
12	·27	·23	—	—	—	·09	—	—	—	·08	·02	—		12
13	—	·08	—	·119	·72	·032	—	·16	·46	·37	·20	—		13
14	—	·32	—	·67	—	·20	—	—	·21	—	·101	·21		14
15	—	1·56	—	·312	·299	·088	—	—	·72	·42	·20	·37		15
16	—	·97	·12	1·09	·32	·21	·149	—	·66	—	} ·88	—		16
17	—	—	—	·382	·03	·13	·03	—	·27	·432		—		17
18	—	·67	—	—	—	—	·09	—	·74	1·16	·69	—		18
19	—	1·05	—	·18	—	·13	·96	·01	·114	·50	·04	—		19
20	—	·67	—	·41	—	·08	·02	—	—	—	·08	—		20
21	—	·02	·27	·07	—	—	—	—	·69	·318	—	·04		21
22	—	·13	·20	·11	—	—	—	—	·03	—	—	—		22
23	·25	·08	·18	·068	—	·874	—	·10	·036	·172	—	—		23
24	·46	·59	·16	—	—	—	—	—	·49	·03	—	·39		24
25	·34		—	—	—	·10	·08	—	—	—	·458	·13		25
26	·064	·10	—	—	—	·20	·13	1·48	·20	·69	·05	·29		26
27	[illegible]	·10	—	—	—	·18	·568	·05	·24	1·44	·79	·15		27
28	·068	·04	—	—	—	—	—	·04	·304	1·06	·17	—		28
29	—		·21	—	—	·04	—	·40	·509	·60	·17	·25		29
30	·05		—	·15	—	·502	—	·67	·92	·90	·73	·028		30
31	·42		·03		—		—	·02		·324		·562	Year's Total	31
TOTAL	4·272	10·092	1·56	5·501	1·369	5·626	3·162	2·93	9·711	12·306	6·566	4·269	67·364	
* Days with .01 in. or more.	14	24	12	17	4	22	12	9	21	25	23	17	200	
* Days with .04 in. or more.	14	22	9	16	3	21	9	7	19	24	21	16	181	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3646

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at BLENCATHRA SANATORIUM

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 885 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·1	·188	·5	—	—	—	·688	~~[illegible]~~ } 2 days	·156	—	·234	·39		1
2	—	·03	·05	—	—	—	—	·15	·216	—	·2	·16		2
3	·064	record lost	—	—	—	1·2	—	·26	·398	—	·038	·36		3
4	·58		·172	—	—	·01	·17	·11	1·18	—	·65	·66		4
5	·44	·01	·16	—	—	·032	—	·48	·726	—	·26	·44		5
6	·04	—	·038	—	—	·02	·67	·07	·88	—	·24	—		6
7	—	—	·12	—	—	—	—	—	·98	—	·872	·48		7
8	·504	—	·31	—	—	—	—	·01	—	—	·27	—		8
9	1·51	—	·17	—	—	·14	·02	—	·38	—	1·032	—		9
10	·62	—	—	—	—	—	·142	·1	·05	—	·86	—		10
11	—	—	—	·12	—	·08	·448	—	·24	—	·506	·32		11
12	—	—	—	·09	—	·02	·18	—	·35	—	·504	—		12
13	—	—	—	·15	·04	—	·218	—	trace	·72	·182	2·13 ✓		13
14	—	—	—	·22	—	·42	·05	·02	·82	·14	·43	·89		14
15	·03	—	·01	·196	·09	·24	·184	—	—	·11	·366	·712 ✓		15
16	—	·02	·28	·06	·08	·24	·03	—	—	·33	·505	·02		16
17	·08	·5	·09	·04	·02	·02	·503	·17	—	·5	·2	1·402 ✓		17
18	—	·49	—	·03	·04	—	·34	·34	—	·69	·01	·02		18
19	—	·28	—	—	—	—	·69	·05	—	·324	—	·24		19
20	·33	·38	·26	·04	—	—	·24	—	—	·31	—	·24		20
21	·32	·194	·09	trace	—	·412	—	trace	—	·504	—	·22		21
22	·23	·504	·06	—	—	·72	·06	—	—	·048	—	—		22
23	·03	·18	·088	·05	·04	—	·83	·04	—	·15	—	—		23
24	—	—	—	·36	·68	—	1·154	—	1·11	2·264	—	·04		24
25	·22	—	—	·1	—	—	·39	—	·25	·504	—	·02		25
26	·369	·13	·17	—	—	—	·046	—	·23	·68	—	—		26
27	·41	·032	·02	·018	—	—	—	—	—	·33	—	—		27
28	·142	·39	·11	—	·07	—	·69	—	—	—	·1	—		28
29	·05	—	·57	—	·12	·503	trace	—	—	} ·73	·45	·01		29
30	·08	✕	·099	—	·02	·168	·668	·036	—		·101	·62		30
31	·032	✕	—	✕	·22	✕	—	·07	✕	—	✕	·64		31
TOTAL	6·181	3 3·3~~2~~8	7 3·3~~6~~7	1·474	1·42	3 4·2~~7~~5	7·41	1 1·9~~06~~ ~~2·436~~	7 7·9~~6~~6	8·334	8·010	10·014	Year's Total 4 63·6~~3~~6 ✓	
* Days with .01 in. or more.	21	14	20	13	11	15	22	14	15	17	20	21	204 ✓	
* Days with .04 in. or more.	18	10	17	11	9	10	20	11	15	17	19	17	174 ✓	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) W. Goodhead

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3646

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Blencathra Sanatorium
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
,, Ground ,, Sea Level 885 ft.

Acc.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·06	—	snow ·76	—	—	—	·50	—	·775	·15	—	·402		1
2	·28	·76	snow ·03	·25	—	·13	·17	—	·21	—	—	·12		2
3	·15	·73	·106	—	—	·55	·08	—	—	—	—	snow ·03		3
4	·69	—	·04	·16	·16	·05	·07	—	·90	—	·03	·504		4
5	·87	—	snow ·02	·20	·04	·20	·20	—	1·09	—	—	·07		5
6	·07	—	—	·09	·065	·20	·02	·01	·17	—	—	—		6
7	·046	snow & rain ·27	·03	·44	—	—	·288	—	·252	—	—	—		7
8	·099	snow ·308	snow ·01	·05	—	·20	·20	·03	·08	—	—	—		8
9	·11	·276	—	·15	·04	·06	·503	·16	·03	—	—	—		9
10	·01	·212	—	·02	·085	—	·038	—	—	—	—	snow ·44		10
11	·05	—	·45	—	—	—	—	—	—	—	—	snow trace		11
12	1·0	·12	·28	·054	·02	·118	·04	·76	·25	trace	—	·03		12
13	·02	·28	—	·01	—	1·21	—	·5	—	·12	—	·048		13
14	—	·099	·07	—	—	—	·42	·325	·19	·039	—	·43		14
15	·31	·69	—	x	—	—	—	—	·38	—	—	trace		15
16	·182	snow & rain ·47	snow & rain ·602	·47	—	—	—	·395	·015	—	—	—		16
17	·854	·052	·12	·24	—	—	—	·045	·486	—	—	—		17
18	—	·24	·14	·03	—	·04	·02	·465	—	—	snow ·195	—		18
19	snow ·05	·60	·186	·20	·04	·09	—	·085	—	—	snow ·43	—		19
20	1·3	snow & rain ·15	—	hail & rain ·208	·66	·059	·052	—	trace	·04	hail & rain ·46	·03		20
21	·505	·092	snow ·16	·28	·102	—	·84	—	—	·155	—	·12		21
22	·279	—	snow ·16	·122	·99	·08	·21	—	—	·10	·10	·504		22
23	·219	—	snow & rain ·14	·018	·089	—	·33	—	·15	1·49	—	·19		23
24	·6	snow & rain ·08	·27	—	·14	—	·35	—	·192	·31	·018	·28		24
25	·076	snow & rain ·89	snow & rain ·048	—	·03	—	—	·05	—	·41	—	·01		25
26	—	·22	—	—	·27	—	·01	—	—	·154	—	—		26
27	—	snow ·505	—	·202	—	·02	·148	—	·07	—	—	·03		27
28	—	blocked with snow	—	—	—	·23	—	—	—	·4	—	—		28
29	·07		—	—	—	·07	—	—	—	·13	·10	·02		29
30	·21		—	—	—	·1	—	·365	·21	·19	·31	·01		30
31	·4		—		·042		—	·78		·12		—		31
													Year's Total	51·18
TOTAL	8·510	7·044	3·622	3·194	2·773	3·407	4·489	3·970	5·450	3·808	1·643	3·268	51·178	✓
* Days with .01 in. or more.	26	20	~~19~~ 20	~~19~~ 20	15	17	20	13	17	1~~4~~5	8	18	20~~6~~9	✓
* Days with .04 in. or more.	24	20	15	1~~5~~6	13	16	16	11	15	1~~2~~4	6	11	17~~4~~7	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) W. Cordelwed

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3646

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Blencathra Sanatorium

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground I ft. 0 in.

,, Ground ,, Sea Level 885 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.25	.04	.66	-	I.78	.07	-	I.2I	-	.I7	.28		1
2	-	.I3	-	.69	-	I.92	.0I	-	.4I	2.I2	.46	.35		2
3	-	.05	-	-	-	.08	.37	-	.45	2.50	.50	tr.		3
4	.02	.09	-	.30	-	.09	.I7	-	-	.9I	.08	I.07		4
5	.I0	.05	-	-	-	.25	.I0	tr.	.20	.72	.03	.02		5
6	.32	-	.02	.03	-	.66	.05	.I6	.36	I.60	.28	.II		6
7	.I4	-	-	-	-	-	.69	.08	-	.45	.2I	.II		7
8	.07	.22	.0I	-	-	tr.	.32	.I9	-	I.I8	.3I	.I5		8
9	snow .33	.40	.I6	-	.03	.35	.09	-	-	.08	-	.55		9
10	tr.	.08	.I6	-	-	.I6	.33	-	.I0	.55	-	.25		10
11	.20	-	-	-	.26	.03	.09	-	.I7	.28	.29	.39		11
12	.60	.26	-	-	.45	-	.05	.03	.02	I.26	3.I6	.2I		12
13	-	-	-	-	.06	-	.36	.04	.22	.40	.4I	.20		13
14	I.56	-	.0I	-	.08	-	tr.	-	-	-	.0I	.07		14
15	.65	-	.87	-	.24	-	tr.	.63	tr.	.4I	-	.29		15
16	.66	.0I	.I8	-	.40	-	-	.90	.39	.74	.05	-		16
17	-	-	.28	-	.I4	-	.I9	.80	I.0	I.09	.04	-		17
18	.30	-	.I6	-	-	.II	-	.45	.24	.27	.85	-		18
19	tr.	-	.94	-	-	tr.	tr.	.I9	.09	-	.I4	snow .0I		19
20	.84	-	I.08	-	-	-	tr.	.33	.04	tr.	.09	snow tr.		20
21	-	-	.0I	.03	.08	.02	-	.24	.08	tr.	.40	snow tr.		21
22	-	-	-	-	.08	.0I	-	-	-	-	.54	snow tr.		22
23	.36	-	.0I	-	.38	.44	-	.50	.07	-	.69	-		23
24	.62	.08	.29	-	-	.25	-	-	.39	.37	.27	-		24
25	.07	.50	.08	-	.I7	.04	I.58	.70	-	.I4	.I8	.09		25
26	.26	.46	.38	-	.42	.87	.05	-	-	.82	.06	.07		26
27	-	.I4	.02	-	.35	.73	.48	.I7	-	.04	.45	-		27
28	.59	.26	.I4	-	.26	I.46	.06	.50	tr.	.03	.I8	.27		28
29	.I3		.06	-	.29	.22	I.95	-	.05	.I7	.65	.72		29
30	.I4	☒	.04	-	-	.08	.72	-	.I5	.24	.48	tr.		30
31	.50	☒	.05	☒	.30	☒	.04	-	☒	.87	☒	.37		31
TOTAL	8.46	2.98	4.99	I.II	3.99	9.55	7.77	5.9I	5.64	I7.24	I0.98	5.58	Year's Total 84.20	✓
* Days with .01 in. or more.	2I	I5	22	5	I7	20	2I	I6	I9	24	27	20	227	✓
* Days with .04 in. or more.	20	I4	I6	3	I6	I7	20	I5	I8	23	25	I8	205	✓

† Spare column, no entries required

*See Instruction 3 (f) on other side.

(*Signed*) W. [illegible]

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3646

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Blencathra Sanatorium

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 885 ft.

Days?

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	SNOW ·70 }	-	1·36	trace	–	–	·08	·13	·10	·08	–	1·04		1
2	–	-	·96	·04	–	–	·40	·86	·55	-	·03	·34		2
3	-	-	·12	·09	–	-	} –	·14	·31	Trace	·10	·76		3
4	-	-	·45	–	Trace	-	} ·28 x	Trace	–	-	Trace	·08		4
5	–	·70	·02	-	·11	–	·72	-	-	·56	·73	-		5
6	·58	·72	·08	-	Trace	–	·43	-	–	-	·19	-		6
7	·97	·39	·40	–	-	–	·18	–	·07	-	·26	·07		7
8	1·62	1·38	·29	·06	-	–	·36	·23	·07	·02	·78	·40		8
9	·45	·37	–	–	-	·02	·11	·59	·20	·40	Trace	·44		9
10	·77	–	·03	-	-	·44	-	·64	1·03	·36	·11	·09		10
11	SNOW ·06	·30	1·15	-	-	·28	–	·60	Trace	·25	·18	-		11
12	·23	·27	-	·24	-	Trace	·06	·09	·21	Trace	–	–		12
13	·21	–	·04	·57	·24	·02	·29	-	·09	Trace	·53	-		13
14	1·21	-	·02	·34	·37	·79	·24	-	Trace	·16	·99	-		14
15	·80	·03	·09	·68	·14	·53	·11	-	–	Trace	·12	-		15
16	1·19	·04	·04	·07	·04	-	·38	-	–	-	Trace	-		16
17	·43	·18	SNOW ·07	·02	–	·31	Trace	–	–	-	–	–		17
18	·07	·40	·15	–	–	–	·14	–	–	-	·61	-		18
19	·10	Trace	-	–	–	·01	·39	·14	–	-	–	-		19
20	·01	·13	·06	–	·09	·10	·20	Trace	–	-	–	-		20
21	·09	1·08	·24	·18	Trace	-	–	·36	trace	-	–	Trace		21
22	·02	·31	·20	·18	-	-	·12	-	–	·14	·71	-		22
23	·31	·60	·07	·34	-	·12	·10	-	-	·11	Trace	-		23
24	SNOW ·06	·65	–	·39	-	·09	-	·03	-	-	·04	-		24
25	·17	·11	trace	SNOW ·22	-	-	-	-	-	-	1·08	·07		25
26	trace	·07	·03	-	·09	-	-	·54	–	·69	·02	–		26
27	-	·79	-	·02	-	·50	·11	·03	-	SNOW ·50	·30	-		27
28	–	·10	·12	HAIL ·33	-	1·26	1·40	-	–	–	·62	-		28
29	-	X	·05	–	-	·56	·54	-	–	·29	·29	-		29
30	-	X	–	-	-	·07	·86	-	-	–	·86	-		30
31	-	X	–	X	–	X	·44	–	X	·04	X	-		31
													Year's Total	
TOTAL	9·45	8·62	6·04	3·77	1·08	5·10	7·94	4·38	2·63	3·60	8·55	3·29	64·45	
* Days with .01 in. or more.	21	20	23	16	7	15	23	13	9	13	20	9	189	
* Days with .04 in. or more.	19	19	19	14	7	12	23	11	9	12	18	9	172	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3646

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Blencathra Sanatorium

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 885 ft.

Ages,

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·39	–	–	·04	–	–	–	·16	·33		1
2	–	–	–	·02	–	–	·46	–	–	–	·94	·19		2
3	Trace	Snow + ·25 Rain	–	·04	–	–	·11	–	–	Trace	–	·11		3
4	–	–	–	·26	–	–	·31	–	·04	·17	–	·56		4
5	–	Trace	–	–	·37	–	·05	–	–	1·16	·10	·10		5
6	·03	Trace	–	·10	–	–	·12	–	Trace	·57	·26	·08		6
7	·03	Trace	–	·43	·08	–	·01	·20	·26	·09	·03	–		7
8	–	Trace	·05	–	–	–	·01	·32	Hail + ·09 Rain	1·15	·46	·89		8
9	–	–	·506	–	–	–	1·19	·68	·50	1·16	·66	·50		9
10	–	–	·13	–	–	–	1·07	·76	–	·18	·58	·23		10
11	–	–	1·17	·08	–	–	1·09	–	·06	–	1·15	–		11
12	–	Trace	Snow + ·74 Rain	–	–	–	–	·17	1·38	–	·41	–		12
13	–	·02 Snow	·04	Trace	–	–	·10	·04	·29	–	·37	·07		13
14	–	–	·03	Snow + ·36 Rain	–	–	·15	·20	·35	–	Trace	·64		14
15	–	Trace	·18	·02	·10	–	–	·01	–	·08	·44	·41		15
16	Tr. Snow	Tr: Snow	·02	·01	–	–	·28	–	1·77	·14	Trace	–		16
17	–	Tr: Snow	·19	–	–	–	2·38	·33	1·05	·09	·44	·46		17
18	·40 Snow	Tr: Snow	·78	Snow + ·28 Sleet	–	–	·70	·74	·61	–	~~·25~~	·75		18
19	·41 Snow	·09	·46	·14	–	–	·29	–	·63	–	·85	Trace		19
20	–	·03	·26	·34	–	–	·04	·84	·04	·14	·15	–		20
21	–	–	·11	·10	–	·40	–	–	·10	–	·14	–		21
22	–	·28	·18	–	Trace	·21	–	·28	·41	·62	–	–		22
23	·09 Snow	·19	·16	·16	·13	–	·20	–	·07	–	·15	–		23
24	Snow ·39 + Rain	Trace	–	–	–	–	·07	Trace	–	·03	~~·26~~	Trace		24
25	Tr: Snow	–	–	–	·51	·12	Trace	·04	–	–	Snow ·03 + Rain	–		25
26	·26	·28	·09	–	·04	Trace	–	·48	–	–	·26	Trace		26
27	1·35	·17	–	Trace	·05	–	·09	–	–	–	Snow ·10 + Rain	–		27
28		Snow + ·42 Rain	–	–	·39	–	–	·34	–	–	–	·41		28
29	–	Trace	·25	·03	–	·68	·36	–	–	Trace	–	·56		29
30	Trace	✕	·10	–	Trace	–	–	–	–	·57	–	·40		30
31	–	✕	·68	✕	·03	✕	–	–	✕	·67	✕	Snow ·05		31
TOTAL	2·96	1·73	6·126	2·76	1·70	1·41	9·120	5·430	7·650	6·270	7·780	5·940	Year's Total 58·876	
* Days with .01 in. or more.	89	9	20	16	9	4	22	15	16	15	20	18	$17\overset{1}{0}$	
* Days with .04 in. or more.	67	7	18	12	8	4	20	14	16	13	18	18	$15\overset{5}{4}$	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) W. Goodbird

P.T.O.

3647.

CUMBERLAND.
7 CASTLEGATE DRIVE
COCKERMOUTH
1931 – 36.
78 07 03

3647

FORM 1090. **B** Monthly Summary.

Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At 7 Castlegate Drive
COCKERMOUTH

In the County of CUMBERLAND

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground..........ft..........in.
Height of Ground above Sea Level..........ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		~~Number of Days with~~	
				~~·01 in. or more~~	~~·04 in. or more~~
	Inches.	Inches.	Date.	0	0
JAN.	4·16			19	47
FEB.	3·87			24	50
MAR.	·92			16	64
APRIL	1·43			30	57
MAY	2·20			30	76
JUNE	(6·20)			36	78
JULY	(6·75)			46	74
AUG.	(4·07)			36	73
SEPT.	2·81			30	65
OCT.	5·04			22	60
NOV.	6·83			42	48
DEC.	4·66			26	40
Total	48·44				

Signature Richd W Hall

M

June July & Aug
partly adjusted by obsr.

*See Instruction 2 (*f*) below.

Eve... this section and also the space for

Nar...relating to this register should be sent:—
...Hall
...Drive Cockermouth

Ho...nter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Heights of objects	as last year			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Temperatures monthly – max & min are given in 2 end cols of chart on left

M.O. 7
2 JAN 1932

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Monthly Summary. [redacted] Station. 3647

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At 7 Castlegate Drive COCKERMOUTH

In the County of CUMBERLAND

Rain Gauge
Diameter of Funnel........in.
Height of Top above Ground........*ft*........*in*.
Height of Ground above Sea Level........*ft*.

Month.	Total Depth.	Greatest Fall in 24 hours.		~~Number of Days with~~	
				~~·01 in. or more~~	~~·04 in. or more~~
	Inches.	Inches.	Date.	o	o
JAN.	4·16		Fahrenheit	19	47
FEB.	3·87			24	50
MAR.	·92			16	64
APRIL	1·43			30	57
MAY	2·20			30	76
JUNE	(6·20)			36	78
JULY	(6·25)			46	74
AUG.	(4·07)			36	73
SEPT.	2·81			30	65
OCT.	5·04			22	60
NOV.	6·83			42	48
DEC.	4·66			26	40
Total	48·44				

Signature Richd W Hall

M

[illegible] [illegible] + deg partly adjusted by obsr.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Richd W Hall
7 Castlegate Drive Cockermouth

Hour of observation by the clock—in Winter........in Summer........

Nearest Railway Station........ Distance........ Direction from gauge ....

Nearest Parish Church at........ Distance........ Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects	as last year			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Temperatures monthly — max + min are given in 2 end cols of chart on left

M.O. 7
2 JAN 1932

D INSTRUCTIONS.

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2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3647

FORM 1090. **B** Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At 1 Castlegate Drive Cockermouth

In the County of Cumberland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground .... ft .... in.*
- *Height of Ground above Sea Level .... ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·46				
FEB.	·05				
MAR.	3·30				
APRIL	2·73				
MAY	2·55				
JUNE	·58				
JULY	4·53				
AUG.	2·70				
SEPT.	4·27				
OCT.	5·38				
NOV.	4·00				
DEC.	5·31				
Total	41·86				

Signature Richd W Hall

M

*See Instruction 2 (*f*) below.

Very low indeed
I have recorded 48·44 1931
& 56·24 1925
I recorded 92° in shade in august here
I think a complete record

C. Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— ....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:— ....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

M.O. 7
JAN 1933

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. (Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110

3647

FORM 1090. **B** Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933

At 7 Castlegate Drive Cockermouth

In the County of Cumberland

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *ft* .... *in.*

Height of Ground above Sea Level .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·90				
FEB.	3·80				
MAR.	2·76				
APRIL	1·70				
MAY	2·55				
JUNE	2·00				
JULY	2·15				
AUG.	1·95				
SEPT.	·90				
OCT.	3·20				
NOV.	·95				
DEC.	·51				
Total	27·47				

Signature Richd W Hall

M

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— ....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:— ....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

August 1" Low

The average is 43·03

This year only 27·47 is remarkably low.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

M.O.
2 JAN 1934

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At 7 Castlegate Drive Cockermouth

In the County of Cumberland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·95				
FEB.	·50				
MAR.	1·55				
APRIL	2·92				
MAY	3·48				
JUNE	2·60				
JULY	1·61				
AUG.	4·40				
SEPT.	3·23				
OCT.	6·72				
NOV.	2·10				
DEC.	4·00				
Total	38·06				

Signature Richd. W. Hall

M

*See Instruction 2 (*f*) below.

C Particulars of Station.

3647

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Cockermouth Distance 1 Direction from gauge ....

Nearest Parish Church at All Saints Cockermouth Distance ½ Direction from gauge ....

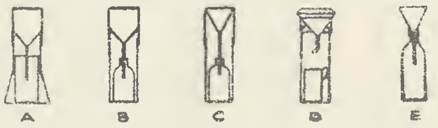
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

At Cockermouth, Castlegate Drive

In the County of Cumberland

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... ft. .... in.
Height of Ground above Sea Level .... ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4.95				
FEB.	.50				
MAR.					
APRIL					
MAY	3.48				
JUNE	2.60				
JULY	1.61				
AUG.	4.40				
SEPT.					
OCT.	6.72				
NOV.	2.10				
DEC.					
Total					

Signature R. W. Hall

*See Instruction 2 (*f*) below.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

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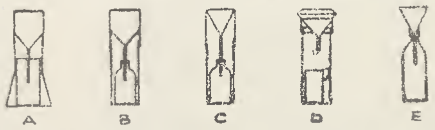

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3647

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at CASTLE DRIVE, COCKERMOUTH

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 200 ft.

Casting

AGC
R

Record Expired pt year

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1									·46	tr		·22		1
2									·90	·15	·615	·02		2
3									·04	tr	·325	·03		3
4									·54	·11	tr	·09		4
5									·03		·195	tr		5
6									–	·02	·15	·13		6
7									–	1·565	·08	·31		7
8									tr					8
9									–	1·03		tr		9
10									–	·02		–		10
11								·325	tr	·425	·41	–		11
12								tr	–			–		12
13								tr	·37	·295		–		13
14								tr			·04	·11		14
15								·025	·25	tr	·65	·12		15
16								–	·42	·08		–		16
17								·09	·01			–		17
18								–	·60	·625	–	–		18
19								tr	tr		·03	–		19
20								–	·11	–	·02	tr		20
21								tr	tr	·095	–	–		21
22								–	·055	–	tr	–		22
23								tr	tr	·21	–	–		23
24								–	·47	·11	–	·17		24
25								·02	–	·60	·38	·12		25
26								1·85	·115		·01			26
27								·295	·30		·15	·06		27
28								·18		·815	·12	·03		28
29								·24	·73		·16	·05		29
30		×						·20	·10	·315	·30	·75		30
31		×		×		×		tr	×	·20	×			31
TOTAL	Not read every day							[illegible]	5·500	6·655	3·635	2·210	Year's Total.	
* Days with .01 in. or more.								[illegible]	19	25	23	17		
* Days with .04 in. or more.									17	22	19	14		

40-9999

† Spare column, no entries required.

(Signed) W Cowper

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section* **A** for the entry of Daily Observations. Station No. 3647

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Adj for omissions by surr. stns.

Kept at COCKERMOUTH

in the County of CUMBERLAND

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 2 in.

,, Ground ,, Sea Level 194 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·16	·42	tr	–	–	·47	·5	·12	–	·30	·08		1
2	tr	·65	–	–	–	tr	·18		·21	–	·25	·06		2
3	–	·02	–	–	–	·28	tr		·24	–	·03	·16		3
4	·34	–	–	–	–	–	·13	·9		–	·41			4
5	·06	·03	·21	–	tr	–	–		1·29	–				5
6	·015	–	·05	–	–	·065	·425			–		·7		6
7	tr	–	·08	–	–		·02		(·40) –	–				7
8	·07	–	·34	–	–	–	·04	–	–	–	1·41			8
9	·8	–	·02	–	–	tr	2·103	·1	·32	tr	(·50)	·7		9
10	·26	–	tr	–	–	–		tr	–	tr				10
11	tr	–	–		–	·06	·62			tr				11
12	–	–	–	·13	–	tr	·04	·1	·43	tr		1·3		12
13	–	–	–		·09	–	tr	tr		·33	·32			13
14	–	–	tr	·10	tr	·53	·03	·04	·45	·03		(1·00)		14
15	–	–	tr		–	·62	·06	tr	–	·06	·66			15
16	–	tr	·08		·11	·27		tr	–		–	·60		16
17	–	·17	–	·11	·26	–		·11	–	·503	–			17
18	–	·27	–		–	–		·11	–	·64	–			18
19	(·20) –	·07	tr		·04	–		·11	–		–			19
20	–	·35	·25	·02	–	·02		–	–	·11	–	·20		20
21			–	–	–	·28		–	–	·05	–	(·15)		21
22	1·17	·54	·07	–	tr	–		tr	–	·11	–	–		22
23		·25	·02	·03	–	tr	2·53	–	–		–	–		23
24		·015	–	·225	·20	–		–		1·15	–	–		24
25	·20	·02	–	·1	–	–		–	1·22		–	–		25
26	·25	·09	–	tr	–	–		–		·32	–	–		26
27	·21		tr	·03	–	–		–	tr	·12		–		27
28	tr	·08	·14	·03	·025	–		–	–	·07	·26	–		28
29	·035		·20	–	·20	·71		–	–	·48				29
30	·035	✕	·05	–	·03	·04		·22	–	·09	·05	·7		30
31	·04	✕	·10	✕	–	✕		tr	✕	·06	✕			31
TOTAL	6 3·~~4~~8	2·71	2·03	·78	·96	2·88	4·75 ~~6·50~~	1·99	6 4·~~2~~8	4·10	4·19 ~~3·69~~	5·65 ~~4·50~~	Year's Total ~~37·99~~	38·40
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. Cowper

P.T.O.

Section A for the entry
AIR MINIS

FORM 1090

REG

3647/1

COCKERMOUTH CASTLE

1936-40

780703

Station No. 3647/1

H RAINFALL ORGANIZATION

N 1936

f 753066/27 X

Kept at Cockermouth

in the County of Cumberl

Diameter of Funnel of Gauge...

Height of top of Gauge above

,, Ground ,,

THE MORNING MEASU ... PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.8	) .25					.46	).48	.13			.12		1
2		)					1.02	)						2
3						.43	.12		.33			.18		3
4	).23						.04		.42		.56	).45		4
5	)							).68	).93		.24	)		5
6							.14	)	)		.10			6
7			).33						.11		)	.24		7
8			)					).110			).85			8
9	.18		.10			.08		)	.30		)			9
10	.24						1.24				.44			10
11							) .60				.03	.43		11
12				).14			)		.28		.15			12
13				)		) .55	.05			.05		1.30		13
14						)		.15	.45	.12	).44	.63		14
15						.42				.21	)	.51		15
16		.14	.07	.13	) .30	.37				.18	.45	).44		16
17		.11			)	.10	.12			).75	.05	)		17
18							) .60			)				18
19		.32								.08		).25		19
20						.25	.05			.09		)		20
21		.14	).28							.13				21
22	.59	).75	)			.28				.21				22
23		)		.31	).12		.40							23
24				).10	)		.20		.85	)2.00				24
25	).25			)			) .11		.24	)				25
26	)	.11					)			.20				26
27	.14		).34							.14				27
28	.10	.28	)									.05		28
29		.08						).33	)XXXX	1.00				29
30	.06	✕	.15			.21	.78	)	)	.12				30
31		✕		✕		✕			✕		✕			31
TOTAL	1.97	2.18	1.47	.68	.42	2.69	5.93	1.74	4.04	5.28	3.63	4.60	Year's Total 34.63	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

N

† Spare column, no entries required

(*Signed*) G. C. Banks [P.T.O.

X LORD LECONFIELD X

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3647/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

X f 753066/27 X

Kept at Cockermouth Castle

in the County of Cumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 50 ft. – in. APPROX.

,, Ground ,, Sea Level 177 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.8	) .25					.46	).48	.13			.12		1
2		)					1.02	)						2
3						.43	.12		.33			.18		3
4	).23						.04		.42		.56	).45		4
5	)							).68	).93		.24	)		5
6							.14	)	)		.10			6
7			).33						.11		)	.24		7
8			)					).10			).85			8
9	.18		.10			.08		)	.30		)			9
10	.24						1.24				.44			10
11							) .60				.03	.43		11
12				).14			)		.28		.15			12
13				)		) .55	.05			.05		1.30		13
14						)		.15	.45	.12	).44	.63		14
15						.42				.21	)	.51		15
16		.14	.07	.13	) .30	.37				.18	.45	).44		16
17		.11			)	.10	.12			).75	.05	)		17
18							) .60			)				18
19		.32								.08		).25		19
20						.25	.05			.09		)		20
21		.14	).28							.13				21
22	.59	).75	)			.28				.21				22
23		)		.31	).12		.40							23
24				).10	)		.20		.85	)2.00				24
25	).25			)			) .11		.24	)				25
26	)	.11					)			.20				26
27	.14		).34							.14				27
28	.10	.28	)									.05		28
29		.08						).33	)XXXX	1.00				29
30	.06	X	.15			.21	.78	)	)	.12				30
31		X		X		X			X		X			31
TOTAL	1.97	2.18	1.47	.68	.42	2.69	5.93	1.74	4.04	5.28	3.63	4.60	Year's Total 34.63	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

N

† Spare column, no entries required

(Signed) ~~G. D. Banks~~

X LORD LECONFIELD X

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3647/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at COCKERMOUTH CASTLE

in the County of CUMBERLAND

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 35 ft. – in.

,, Ground ,, Sea Level 177 ft.

1936 np. low

753066/27

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.28	—	—	—	—	—	.28	—	.65	.12	—	.13		1
2	.32	.50	—	—	—	—	.21	—	—	—	—	—		2
3	.14	.53	—	.15	—	.79	.14	—	—	—	—	—		3
4	.20	—	.14	—	—	.37	—	—	—	—	—	—		4
5	—	—	—	—	—	.28	.41	—	1.28	—	—	.50		5
6	—	—	—	.24	—	.26	.08	—	.04	—	—	—		6
7	—	—	—	.24	—	—	—	—	.07	—	—	.05		7
8	—	—	—	—	—	—	—	—	—	—	—	—		8
9	—	.48	—	—	.35	—	.21	—	—	—	—	—		9
10	—	.07	—	—	—	—	—	—	—	—	—	.35		10
11	—	—	—	—	—	.16	—	—	—	—	—	—		11
12	.86	.20	—	—	—	.12	—	.96	.25	—	—	.04		12
13	—	—	—	—	—	—	—	.53	—	—	—	.24		13
14	—	—	.03	—	—	—	—	.19	—	—	—	.21		14
15	.12	.53	—	—	—	—	.18	—	.48	—	—	—		15
16	.34	.32	—	.56	—	—	—	.25	—	—	—	—		16
17	.10	—	.24	—	—	—	—	—	.12	—	—	—		17
18	—	.16	—	.53	—	—	—	.24	—	—	—	—		18
19	.16	.40	—	—	—	—	—	—	—	—	.20	—		19
20	.18	.11	—	.25	.49	—	.10	—	—	.11	—	—		20
21	.25	.06	—	.24	—	—	.34	—	—	.14	—	.08		21
22	—	—	—	—	—	—	.14	—	—	.04	.21	.26		22
23	.17	—	—	—	.22	—	.22	—	—	—	—	—		23
24	.08	—	—	—	—	—	—	—	.51	1.03	—	—		24
25	—	—	—	—	—	—	—	—	.12	.21	—	—		25
26	—	—	—	—	—	—	—	—	—	.40	—	—		26
27	—	.47	—	.18	—	—	.22	—	.03	.23	—	.20		27
28	—	—	—	—	—	—	—	—	—	.12	—	—		28
29	.06	—	—	—	—	.14	—	—	—	.07	—	—		29
30	—	✕	.14	—	—	—	—	—	.42	—	.47	—		30
31	—	✕	—	✕	—	✕	—	.52	✕	.23	✕	—		31
TOTAL	3.26	3.83	.55	2.39	1.06	2.12	2.53	2.69	3.97	2.70	.88	2.06	Year's Total 28.04	np. low
* Days with .01 in. or more.														GB
* Days with .04 in. or more.	14	12	4	8	3	7	12	6	11	11	3	10	101	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) G L Banks

P.T.O.

LORD LECONFIELD

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3647/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

letter written 17/3/39 Wales

Kept at Cockermouth Castle

in the County of Cumberland /2

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

198647 wp low

Gauge is apparently placed on the castle wall according to 10yr Book

753066/27

GB

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1				·10		1·06			·58		·04			1
2		·22				·34			·43	·71	·13	·47		2
3				·39		·04				·84	·34			3
4				·10			·62		·25	·33	·04	·84		4
5	·07								·14	·41		·02		5
6	·32					·39			·58	·95		·01		6
7	·05							·32						7
8	·24	·43					·34	·07			·72	·08		8
9		·10				·18						·29		9
10	·58									·58	·46			10
11							·15			·10	·31	·15		11
12	·21				·33		·26	·51		·46				12
13					·10					1·5	·32	·07		13
14	·46		·62				·17				·55			14
15					·45		·40	·81				·09		15
16	·52						·10		·70	1·06	·11			16
17					·94			·45		·63				17
18			·14				·46	·25	·32	·33	·68			18
19			} 1·48					·53						19
20	·41								·07		·45			20
21								·31	·08	·25	·25			21
22	·22										·16			22
23					·38	·51	·30				·5			23
24	·23		·25			·34								24
25					·35	·30	·20			·36	·22			25
26					·20	·68	·60			·35		·21		26
27	·44	·45	·18		·20	·29	·20			·05	·22			27
28	·16	·05												28
29					·49		2·60				·38	·52		29
30	·12	✕					·43		·35	·15	·35			30
31	·21	✕		✕	·11	✕			✕	·43	✕			31
TOTAL	4·27	1·25	2·64	0·59	3·56	4·19	6·83	3·25	3·13	9·49	6·23	2·75	Year's Total 48·51	
* Days with .01 in. or more.												2	2	
* Days with .04 in. or more.	~~15~~	~~5~~	~~5~~	~~3~~	~~10~~	~~10~~	~~14~~	~~8~~	~~10~~	~~18~~	~~19~~	~~9~~	~~126~~	

wp low GB 5/39

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) H Clark

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3647/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Cockermouth Castle,

in the County of Cumberland.

Diameter of Funnel of Gauge 8 ins

Height of top of Gauge above Ground 1 ft. 4 ins

,, Ground ,, Sea Level 207 ft.

2/40 letter re exposure + height of gauge

my low 1928

f 753060/27

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	·78	-	-	-	·50	-	-	-	-	-		1
2	-	-	·26	-	-	-		·48	-	-	-	·54		2
3	-	-	-	-	-	-	-	-	·30	-	-			3
4	-	·20	-	-	-	-	-	-	·14	-	-	·12		4
5	-		-	-	-	-	·46	-	-	·09	0·39	-		5
6	·76	·32	-	-	-	-	·21	-	·27	-	·07	-		6
7	2·03	1·47	·32	-	-	-	·24	-	·31	-	·07	-		7
8			-	·47	-	-		-	·15	-	0·24	·26		8
9	·23	·16	-	-	-	-	-	1·3	·53	·17	-	·40		9
10	-	-	-	-	-	·47	-			·52	·11			10
11	-	·29	·24	-	-		·26		·33	·02	·50	-		11
12	·44		-	-	-	-	-	-	-	-		-		12
13	-	-	-	·26	-	·02	·50	-	·35	-		-		13
14	·54	-	·03	-	·5	·63	·18	-	-	-	·50	-		14
15		-	-	-	-	·48	-	-	-	-	·20	-		15
16	·27	-	-	·48	-	-	·25	-	-	-	·25	-		16
17	·25	-	-		-	-	-	-	-	-	-	-		17
18	-	·28	-	-	-	-	-	-	-	-	·39	-		18
19	·37		-	-	-	-	1·58	-	-	-		-		19
20	-	-	-	-	·06	·03	·12	-	-	-	-	-		20
21	·10	·25	·35	·46		-	-	·18	-	-	-	-		21
22		·52	-		-	-	-	·07	-	·11	·72	-		22
23	-		-	-	-	-	-	-	-	-	-	-		23
24	-	·40	-	-	-	-	-	-	-	-	-	-		24
25	·26	·07	-	-	-	-	-	-	-	-	-	-		25
26	-	-	·13	·13	-	-	-	-	-	·03	1·04	-		26
27	-	-	-	-	-	·25	-	-	-	·02	·55	-		27
28	-	-	·10	-	-	·50	1·67	-	-	-	·13	-		28
29	-	-	-	·13	-	·30		-	-	·14	·57	-		29
30	-	✗	-	-	-	-		-	-	·03	-	-		30
31	-	✗	-	✗	-	✗	·23	-	✗	-	✗	-		31
TOTAL	5·25	3·96	2·21	1·93	0·56	2·68	6·20	2·03	2·38	1·13	5·73	1·32	Year's Total 35·38	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

my low. C&H

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) A.C. [illegible] [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3647/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~30

75.3066/27

Kept at COCKERMOUTH CASTLE

in the County of CUMBERLAND

Diameter of Funnel of Gauge 8 ins.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 177 ft.

up low 1939

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·25	–	–	·4	–	–	–	·18	·5		1
2	–	–	–	·03	–	–	·32	–	–	–	·48	·31		2
3	–	·1	–	·02	–	–	–	–	–	–	–	–		3
4	–	–	tr	·04	– ·3	–	–	–	–	·05	–	·45		4
5	–	–	–	–	x	–	·19	·09	–	x 1·15	–	·35		5
6	–	tr	–	x ·36	–	–	·11	–	–	x	–	·30		6
7	–	·05	tr	x	·1	–	–	·23	–	–	–	·19		7
8	·19	–	·26	–	–	–	·02	·39	·17	·75	·42	–		8
9	–	–	x ·93	–	–	–	·44	–	·34	·50	·39	·11		9
10	–	–	x	–	–	–	·45	·09	–	·25	–	–		10
11	–	–	·95	–	–	–	·79	–	·89	–	1·1	–		11
12	–	–	–	·09	–	–	tr	–	·23	–	–	–		12
13	–	–	·03	·2	–	–	·25	·12	–	–	–	–		13
14	–	–	·1	–	–	–	–	–	–	–	·3	·5		14
15	–	–	–	·05	·6	–	–	·19	–	–	–	–		15
16	–	–	–	–	–	–	·29	–	1·42	–	–	·2		16
17	–	–	·16	–	–	–	·85	x ·49	·35	–	–	·2		17
18	–	–	·2	·08	–	–	·29	x	·41	–	–	·55		18
19	–	·1	·3	·09	–	–	·09	–	·25	–	·1	–		19
20	–	–	·23	–	–	–	–	– ·23	–	–	–	–		20
21	–	–	·11	·28	–	–	–	x	·45	–	–	–		21
22	–	·1	–	–	–	·49	–	–	–	–	–	–		22
23	·22	·1	–	·09	·04	·04	–	–	–	–	x ·23	–		23
24	·52	–	–	–	–	–	·4	– ·17	–	–	–	–		24
25	·03	–	–	–	x ·29	–	–	x	–	–	–	–		25
26	–	·19	–	–	✓	–	–	–	·05	–	·32	–		26
27	–	·06	–	–	–	–	–	–	–	–	–	–		27
28	–	–	·02	–	·35	–	–	·20	–	–	–	–		28
29	–	–	·21	·07	–	–	·35	–	–	·35	–	–		29
30	–	X	·9	–	–	–	–	–	–	·19	–	–		30
31	·40	X	–	X	–	X	–	–	X	–	X	–		31
TOTAL	1·36	·70	4·40	1·65	1·68	·83	5·24	2·20	4·56	3·24	3·52	3·66	Year's Total 33·04	up low
* Days with .01 in. or more.	5	7	14 ~~8~~	14 ~~8~~	7	2	15	11	10	8	9	11	113	WH
* Days with .04 in. or more.	4	7	12 ~~11~~	12 ~~11~~	6	2	14	11 ~~10~~	10	8 ~~7~~	9	11	106	

† Spare column, no entries required.

(*Signed*) G. L. Banks [R.T.O.

* See Instruction 3 (f) on other side.

0

3648

CAWERTON VICARAGE

1931 - 37

780703

3648

FORM 1090. **B** f Station.

*** **The following register of m** n **this section and also the space for**
&c., is NOT required if da
values are given on the oth

elating to ~~this register~~ should be sent:—
ennett
arage, Workington

RAINFALL IN 19

At Cawerton Vic
In the County of Cumbe

ter 9.AM in Summer 9.AM

Distance 1½ M Direction from gauge N.E.

Distance 1¼ M Direction from gauge E

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 200 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	2.51				
FEB.	2.80				
MAR.	.70				
APRIL	1.28				
MAY	1.97				
JUNE	5.76				
JULY	4.39				
AUG.	4.30				
SEPT.	2.38				
OCT.	3.50				
NOV.	6.75				
DEC.	4.53				
Total	40.87.				

Signature Edwin C. Bennett

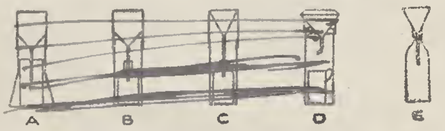
Nature of objects nearest to gauge	House			
Heights of objects	25 ft			
Distances ..	26 ft			
Directions from gauge ..	W			

If gauge has been moved during the year state— No

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Camerton Vicarage

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* — *in.*
- *Height of Ground above Sea Level* 200 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	2·51				
FEB.	2·80				
MAR.	·70				
APRIL	1·28				
MAY	1·97				
JUNE	5·76				
JULY	4·39				
AUG.	4·30				
SEPT.	2·38				
OCT.	3·50				
NOV.	6·75				
DEC.	4·53				
Total	40.87.				

Signature Edwin C. Bennett

*See Instruction 2 (*f*) below.

C Particulars of Station.

3648

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Edwin C. Bennett
Camerton Vicarage, Workington

Hour of observation by the clock—in Winter 9 A.M. in Summer 9. A.M.

Nearest Railway Station Camerton Distance 1½ M Direction from gauge N.E.

Nearest Parish Church at Camerton Distance 1¼ M Direction from gauge E

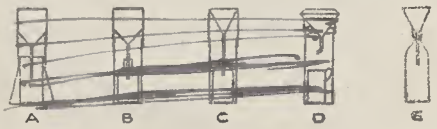
Nature of objects nearest to gauge	House			
Heights of objects	25 ft			
Distances	26 ft			
Directions from gauge	W			

If gauge has been moved during the year state—

Date of move No Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3648

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932.

At Camerton Vicarage

In the County of Cumberland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* — *in.*

Height of Ground above Sea Level 200 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5.58				
FEB.	·01				
MAR.	3.40				
APRIL	2.70				
MAY	2.90				
JUNE	1.37				
JULY	2.21				
AUG.	3.43				
SEPT.	4.27				
OCT.	5.78				
NOV.	2.71				
DEC.	5.40				
Total	39.76				

Av. 36.2

Signature Edwin C. Bennett

110%

*See Instruction 2 (*f*) below.

C Particulars of Station. No 3648

File No 895791/29

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
The Reverend Edwin C. Bennett
Camerton Vicarage, Workington

Hour of observation by the clock—in Winter 9 A.M. in Summer 9. A.M.

Nearest Railway Station Camerton Distance 1½ M Direction from gauge N.E.

Nearest Parish Church at Camerton Distance 1¼ M Direction from gauge E

Nature of objects nearest to gauge	House			
Heights of objects	25 feet			
Distances ..	26 feet			
Directions from gauge ..	W			

If gauge has been moved during the year state—

Date of move No Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
4 JAN 1933

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3648

FORM 1090. **B** Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Camerton Vicarage

In the County of Cumberland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft* — *in.*

Height of Ground above Sea Level 200 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·34				
FEB.	2·72				
MAR.	2·35				
APRIL	2·12				
MAY	2·45				
JUNE	1·45				
JULY	2·63				
AUG.	2·21				
SEPT.	1·65				
OCT.	2·80				
NOV.	1·50				
DEC.	·69				
Total	26·91				

Signature Edwin C. Bennett

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— Reverend Edwin C. Bennett
Camerton Vicarage
Workington

Hour of observation by the clock—in Winter 9 AM in Summer 9. AM

Nearest Railway Station Camerton Distance 1½ M Direction from gauge N.E.

Nearest Parish Church at Camerton Distance 1¼ M Direction from gauge E.

Nature of objects nearest to gauge	House			
Heights of objects	25 ft			
Distances ..	23 ft			
Directions from gauge ..	W			

If gauge has been moved during the year state—

Date of move NO Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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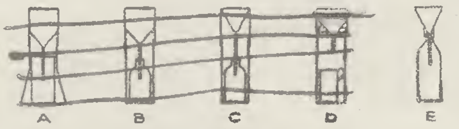

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(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.*

RAINFALL IN 1934

At Camerton Vicarage

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* — *in.*
- *Height of Ground above Sea Level* 200 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·61				
FEB.	·27				
MAR.	1·67				
APRIL	3·39				
MAY	3·18				
JUNE	2·10				
JULY	1·05				
AUG.	4·89				
SEPT.	3·65				
OCT.	4·73				
NOV.	1·41				
DEC.	5·80				
Total	36·75				

Signature Edwin C. Bennett

*See Instruction 2 (*f*) below.

C Particulars of Station. 3648

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Reverend Edwin C. Bennett
Camerton Vicarage, Workington

Hour of observation by the clock—in Winter 9 A.M. in Summer 9 A.M.

Nearest Railway Station Camerton Distance 1½ Direction from gauge N.E.

Nearest Parish Church at Camerton Distance 1¼ Direction from gauge E.

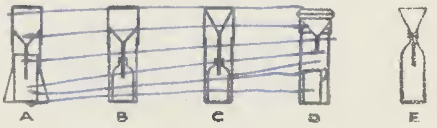
Nature of objects nearest to gauge	House			
Height of objects	25 ft			
Distances	26 ft			
Directions from gauge	W			

If gauge has been moved during the year state—

Date of move No Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Station No 3648 3648
File No 895791/29.

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Camerton Vicarage

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 200 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	1·18				
FEB.	4·35				
MAR.	·81				
APRIL	2·39				
MAY	·69				
JUNE	3·45				
JULY	1·57				
AUG.	2·61				
SEPT.	3·88				
OCT.	4·79				
NOV.	3·26				
DEC.	2·32				
TOTAL	31·30				

Signature Edwin C. Bennett

*See Instruction 2 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

EDWIN C. BENNETT
Camerton Vicarage, Workington

Hour of observation by the clock—in Winter 9 AM in Summer 9 A.M.

Nearest Railway Station Camerton Distance 1½ M Direction from gauge N.E.

Nearest Parish Church at Camerton Distance 1¼ M Direction from gauge E

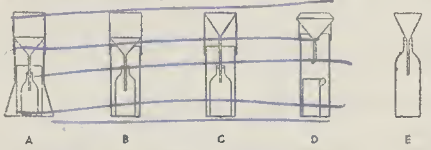
Nature of objects nearest to gauge	House			
Height of objects	25 ft			
Distances ...	26 ft			
Directions from gauge ...	W			

If gauge has been moved during the year state—

Date of move NO Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

M.O. 7
8 JAN 1936

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January* 1st *is the rainfall for the* 24 *hours following* 9 *a.m. on January* 1st; *it is therefore the amount measured on January* 2nd. 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

Form 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

* RAINFALL IN 1936.

At Camerton Vicarage

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 200 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	3·18				
Feb.	2·18				
Mar.	1.85				
April	·73				
May	1.28				
June	3.10				
July	3.82				
Aug.	1·91				
Sept.	4·36				
Oct.	2·98				
Nov.	2·97				
Dec.	5·54				
Total	33.90				

Signature Edwin C. Bennett

C Particulars of Station, No 3648.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— Reverend Edwin C. Bennett

Hour of observation by the clock—in Winter 9 AM in Summer 9 AM

Nearest Railway Station Camerton Distance 1½ M Direction from gauge N.E

Nearest Parish Church at Camerton Distance 1/4 M Direction from gauge E

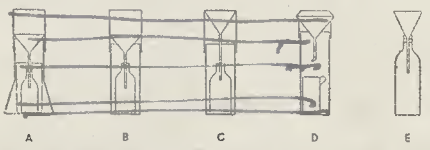
Nature of objects nearest to gauge	House			
Height of objects	25 ft			
Distances	26 ft			
Directions from gauge	W.			

If gauge has been moved during the year state—

Date of move No Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

---

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

FORM 1090.

3648

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Camerton Vicarage

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 200 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·74				
FEB.	3.54				
MAR.	1·24				
APRIL	2·78				
MAY	·93				
JUNE	2·23				
JULY	3.38				
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL	~~17·84~~				

Signature Edwin C. Bennett

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— Reverend E. C. Bennett

Hour of observation by the clock—in Winter 9 AM in Summer 9 AM

Nearest Railway Station Camerton Distance 1½ M Direction from gauge N.E

Nearest Parish Church at Camerton Distance 1¼ M Direction from gauge E

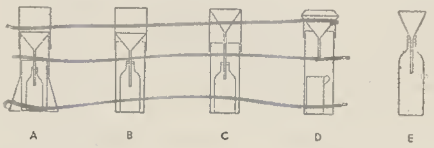
Nature of objects nearest to gauge	Home			
Height of objects	25ft			
Distances ...	26ft			
Directions from gauge ...	W.			

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied on 10yr Book

[illegible] 3.8.37

D INSTRUCTIONS.

[illegible] 1937

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91.
S.O. Code No. 40-9999

3649

Section **A** for the entry of Daily O

AIR MINISTRY.—METE

3649

HIGHAM.

CUMBERLAND.

1931 — 40

Y8.04.03

TISH RAINFALL ORGANIZATION.

COPY FOR OFFICIAL USE.

FORM 1090.

REGISTER IN 1931.

Kept at Higham

in the County of Cumberland

Diameter of Funnel of Gauge 5 in

Height of top of Gauge above Ground -

,, Ground ,, Sea Level 500 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	-	·03	-	-	·15	·02	·26	·45	-	·01	1
2	-	·04	·03	·12	-	1·19	·06	-	·54	·21	·84	1·11	2
3	·03	-	-	-	-	·03	·65	-	·37	·18	2·61	·32	3
4	-	·02	-	·26	-	-	-	-	·12	·05	·02	·12	4
5	-	·03	-	-	·05	·55	·08	·06	-	·05	·01	1·04	5
6	-	·37	-	-	·01	·45	·04	-	·13	·72	·35	-	6
7	-	·17	-	-	·02	·32	-	·30	-	·38	·07	·27	7
8	·13	·18	-	-	·01	·61	·66	·07	-	·18	·10	·05	8
9	·07	·19	-	·02	·04	·08	·07	·71	·01	·99	·18	·06	9
10	·18	·16	-	-	·62	·23	·01	·01	-	-	·42	·01	10
11	·65	·71	-	·15	-	·01	·31	·01	·31	·16	·28	·04	11
12	·04	·03	·09	·01	-	·04	·11	·02	·01	·14	·02	-	12
13	-	-	·55	·01	·08	·04	-	·01	-	-	·13	·07	13
14	·11	·03	·05	-	·02	2·12	·36	·06	·01	-	·25	·13	14
15	·05	·21	-	·19	-	·46	·28	·26	·01	-	-	·	15
16	·25	·09	-	·21	-	·10	·05	1·74	·25	-	-	·	16
17	·01	·08	-	·06	·39	·20	·85	·63	·06	-	·09	·	17
18	·38	-	-	·01	·03	·18	·19	·04	·02	·01	·67	·	18
19	·09	·34	-	-	-	·01	·22	1·12	-	-	·01	·	19
20	-	·09	·02	-	-	·08	-	·08	-	-	·12	·04	20
21	·24	·04	·11	-	·05	·11	·01	·38	-	·	-	-	21
22	·65	·09	-	·11	·07	·15	·36	-	-	·	·02	·04	22
23	·35	·04	-	·13	·07	·45	-	-	-	·01	·42	·97	23
24	·31	·34	-	·15	·14	-	·01	-	-	·	·54	·16	24
25	·08	·20	-	·22	-	-	-	-	-	·	·05	·04	25
26	·03	-	-	·06	-	-	-	-	-	·02	·47	·01	26
27	·37	·04	-	·08	-	·05	·88	-	-	·19	·08	·06	27
28	·41	·03	-	·10	·25	-	·41	-	·01	-	·01	·10	28
29	·07	-	-	-	·03	-	·98	-	-	·48	·06	-	29
30	-	×	-	-	·16	-	·04	-	·05	·	-	-	30
31	·55	×	-	×	-	×	·03	-	×	·32	×	·27	31
TOTAL	5·05	3·52	·85	1·92	2·04	6·86	6·81	5·52	2·12	4·54	7·82	4·92	YEAR'S TOTAL 51·97.
*Days with ·01 in. or more.	22	23	6	18	17	22	24	17	15	17	25	21	227
*Days with ·04 in. or more.	19	18	4	13	11	18	20	12	9	14	19	18	175

40-9999

(Signed) G. T. Silver

*See Instruction 2 (*f*) on other side.

[P.T.O.

3649

Section **A** for the entry of Daily O[redacted] **COPY FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Higham
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground – ft. 9 in.
,, Ground ,, Sea Level 500 ft.

Days ✓

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	–	·03	–	–	·15	·02	·26	·45	–	·01	1
2	–	·04	·03	·12	–	1·19	·06	–	·54	·21	·84	1·11	2
3	·63	–	–	–	–	·03	·65	–	·37	·18	2·61	·32	3
4	–	·02	–	·26	–	–	–	–	·12	·05	·02	·12	4
5	–	·03	–	–	·05	·55	·08	·06	–	·05	·01	1·04	5
6	–	·37	–	–	·01	·45	·04	–	·13	·72	·35	–	6
7	–	·17	–	–	·02	·32	–	·30	–	·38	·07	·27	7
8	·13	·18	–	–	·01	·61	·66	·07	–	·18	·10	·05	8
9	·07	·19	–	·02	·04	·08	·07	·71	·01	·99	·18	·06	9
10	·18	·16	–	–	·62	·23	·01	·01	–	–	·42	·01	10
11	·65	·71	–	·15	–	·01	·31	·01	·31	·16	·28	·04	11
12	·04	·03	·09	·01	–	·04	·11	·02	·01	·14	·02	–	12
13	–	–	·55	·01	·08	·04	–	·01	–	–	·13	·07	13
14	·11	·03	·05	–	·02	2·12	·36	·06	·01	–	·25	·13	14
15	·05	·21	–	·19	–	·46	·28	·26	·01	–	–	·	15
16	·25	·09	–	·21	–	·10	·05	1·74	·25	–	–	·	16
17	·01	·08	–	·06	·39	·20	·85	·63	·06	–	·09	·	17
18	·38	–	–	·01	·03	·18	·19	·04	·02	·01	·67	·	18
19	·09	·34	–	–	–	·01	·22	1·12	–	–	·01	·	19
20	–	·09	·02	–	–	·08	–	·08	–	–	·12	·04	20
21	·24	·04	·11	–	·05	·11	·01	·38	–	·	–	–	21
22	·65	·09	–	·11	·07	·15	·36	–	–	·	·02	·04	22
23	·35	·04	–	·13	·07	·45	–	–	–	·01	·42	·97	23
24	·31	·34	–	·15	·14	–	·01	–	–	·	·54	·16	24
25	·08	·20	–	·22	–	–	–	–	–	·	·05	·04	25
26	·03	–	–	·06	–	–	–	–	–	·02	·47	·01	26
27	·37	·04	–	·08	–	·05	·88	–	–	·19	·08	·06	27
28	·41	·03	–	·10	·25	–	·41	–	·01	–	·01	·10	28
29	·07	–	–	–	·03	–	·98	–	–	·48	·06	–	29
30	–	×	–	–	·16	–	·04	–	·05	·	–	–	30
31	·55	×	–	×	–	×	·03	–	×	·32	×	·27	31
TOTAL	5·05	3·52	·85	1·92	2·04	6·86	6·81	5·52	2·12	4·54	7·82	4·92	YEAR'S TOTAL 51·97
*Days with ·01 in. or more.	22	23	6	18	17	22	24	17	15	17	25	21	227
*Days with ·04 in. or more.	19	18	4	13	11	18	20	12	9	14	19	18	175

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*See Instruction 2 (*f*) on other side.

(*Signed*) G. T. Fisher [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3649

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Higham

in the County of Cumberland

Total / days.

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level abt 500 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in	in.	in	in	in.	in.	in.	in.	in	in.	in.	in.	
1	·66	·01		·39			·07		1·41	·08	·16	·66	1
2	1·04			·01	·35		·25	·06	·60	·01	·22	·14	2
3	·23	·02					·21	·07	·26	·01	·11	·42	3
4	·21						·29	·03	·09	·05		·04	4
5	·48		·19	·11	·02			·02	·36	–			5
6	·36		·17	·37	·03				·02	·34			6
7	·05		·42	·31	·01	·01			·07	·54			7
8	·04			·21	·01			·01	·31	·63			8
9	1·35			·39					·16	·29		·01	9
10	·17	·025	·01	·17					·82	·14			10
11	·09	·035		·02	·46	·12	·31			·02			11
12	·58		·02		·65		1·27	·29		·64			12
13	·56	·02		·20	·23		·12		1·30	·28		·07	13
14	·86		·20	·04	·01				·01	·01	·01	·23	14
15	·04		·04	·03	·39		·01	·01		·22	·02	·19	15
16	·05		·03							·15		2·37	16
17	·01							·15		·45		1·26	17
18	·03				·16		|	·01				·41	18
19	·19	·01	·02	·09	·03		·12			·09		·10	19
20	·01		·03	·13				·93		·18	·15	·03	20
21			·64	·29			·01	·12		·56	·20	·17	21
22	·12		·15	·18			·10			·33	·74	·14	22
23		·01	·01	·03			·09			·08	·41	·08	23
24					·05		·03		·45	·01	·10	·03	24
25				·12	·15	·02	·21		·61	·58	·47	·01	25
26					·04	·01	·79	·03	·24	·01	·04	·01	26
27			·49			·61	·48	·02		·03	–	·05	27
28	·01		·03	·03	·25	·01	·08				·01	·01	28
29	·04		·99	·10	·06	·08	·65	·08		·37	·41	·20	29
30		×	·18	·05	·14	·49	·23	·38	·02	·29	·18	–	30
31	·01	×	·03	×		×	·01	·07	×	·03	×	·18	31
TOTAL	7·75	·12	3·39	3·27	3·04	1·35	5·33	2·28	6·97	5·42	3·23	6·81	YEAR'S TOTAL 48·96
*Days with ·01 in. or more.	24	7	18	21	18	8	20	16	16	28	15	23	214
*Days with .04 in. or more.	19	0	10	16	12	4	16	9	13	20	12	17	118

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*See Instruction 2 (*f*) on other side.

(*Signed*) G. J. Fisher

S.O.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3649

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Higham

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft 9 in.

,, Ground ,, Sea Level 500 ft.

Days 17

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	17	·11	·09	–	–	·07	–	·06	·01	–	·32	–		1
2	1·22	·01	·03	·05	–	·71	–	·02	–	–	–	–		2
3	·28	·84	·13	·07	·19	·01	–	–	–	–	·02	–		3
4	·99	·92	·38	–	·18	–	–	–	–	–	·04	–		4
5	·11	·15	·39	–	·13	–	–	–	–	–	·03	–		5
6	·02	·17	·07	–	·25	–	–	–	–	–	·01	·01		6
7	·11	·24	·02	–	·12	–	·56	·08	–	33	–	–		7
8	·25	·07	·20	·56	·03	–	·08	·01	–	·27	·04	–		8
9	–	·55	·04	·02	·22	–	·39	–	–	·84	·10	·01		9
10	·31	·03	–	–	–	·12	·08	–	–	·17	–	·01		10
11	·05	·01	–	·14	·01	–	·15	–	–	·20	–	·15		11
12	·10	·01	–	–	–	–	·10	–	–	·05	·05	·01		12
13	·01	–	·09	–	·18	–	·03	–	·22	·09	·43	–		13
14	·82	–	·06	–	–	–	·04	·14	–	·01	·40	–		14
15	·06	–	30	–	·02	·17	–	·09	–	·36	·04	·01		15
16	S·01	–	·35	·14	·14	·43	·01	·05	–	·06	·02	·02		16
17	S. ·03	–	·18	·04	–	·82		·18	·10	·03	·03	–		17
18	S·01	–	·49	–	–	·27		·44	–	–	·03	·04		18
19	–	–	·07	·04	·01	·03		·01	09	–	·13	–		19
20	–	·31	–	·03	·23	·02		·16	·07	·02	–	·01		20
21	–	–	–	–	–	–		·07	–	·01	–	–		21
22	–	–	–	–	·56	–		·11	–	·03	–	–		22
23	–	–	–	·12	–	–		–	–	–	–	–		23
24	–	·01	–	·23	·22	·03	·15	·01	·22	–	·01	·04		24
25	–	·55	–	–	·08	–	·05	·04	·04	–	–	·03		25
26	–	·98	–	·11	–	–	–	–	·33	·29	–	–		26
27	–	·18	–	·06	·06	–	·47	–	–	·01	·01	–		27
28	–	·01	–	–	–	–	·18	·99	–	·43	–	–		28
29	–	–	·01	·01	·01	–	·39	·01	–	·17	–	·08		29
30	06	×	·01	·01	–	–	·81	–	–	·07	–	·15		30
31	1·68	×	·11	×	–	×	·01	·54	×	·05	×	·06		31
TOTAL	6·29	5·15	3·02	1·63	2·64	2·68	3·50	3·01	1·08	3·49	1·71	·63	Year's Total 34·83	
*Days with ·01 in. or more.	19	18	19	15	18	11	16	18	8	20	17	14	193	
*Days with ·04 in. or more.	14	12	15	11	13	7	13.	14	7	14	9	6	135.	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) G. F. Fisher.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3649

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Higham

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 9 in.

,, Ground ,, Sea Level 500 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·29		22	·	·02	·	·	·09	·02	·	–	·12		1
2	·		26	·	·	·	·	·44	·27	·	·25	·70		2
3	·76	·	·02	-	·	·	·	·01	·01	·22	·18	·15		3
4	·48	·	·07	-	·02	·	·	·	·25	·35	·02	·68		4
5	·	·01	·03	·	·52	·	·	·06	·	·05	·01	·13		5
6	37	·01	·02	·02	·68	·	·	·09	·11	·29	·	·05		6
7	75	·08	·12	·19	·01	·	·	·	–	·09	·05	·16		7
8	·	·01	·02	·	·16	·	·	·20	·09	·55	·	·65		8
9	38	·		·21	·01	·	·	·11	·08	·38	·59	·25		9
10	21	·	·09	·22	·	·	-	·79	·17	·09	·07	·04		10
11	42	·	·09	·29	·	·	-	·20	·02	·07	·03	·04		11
12	14	·	·08	·59	·	·	·	·05	·	·08	·	·18		12
13	54	·	·01	·15	·05	·	·65	·	·	·24	·	·03		13
14	12	·	·26	·01	·05	·05	·	·	-	·38	·01	·11		14
15	71	·	·06	·09	·81	·	·03	·28	·15	·06	·05	·02		15
16	11	·	·32	·	·28	·	·02	·	·01	·03	·03	·21		16
17	·03	·	·19	·27	·16	·	·35	·	·32	·03	·	·29		17
18	·58	·	·10	·18	·18	·66	·	·19	·07	·03	·01	·68		18
19	·	·01	·06	·07	·44	·42	·02	·03	·25	·54	·10	·04		19
20	·01	·01	·04	·33	·70	·03	·01	·39	·23	·28	·03	·01		20
21	·04	·	·09	·02	·08	·43	·03	·66	·09	·28	·01	–		21
22	·01	·	·04	·06	·	·39	·13	·12	·32	·09	·04	–		22
23	·	·	·07	·29	·01	·	·06	·10	·01	·54	·18	–		23
24	·	·00	–	·13	·21	·01	·05	·	·45	·57	·04	–		24
25	·08	·01	·06	·18	·01	·	·21	·	·23	·53	·06	·85		25
26	·17	·	·05	·16	·	·41	·15	·	·43	·55	·02	·13		26
27	·	·	·	·02	·	·45	·10	·04	·02	·16	·03	·22		27
28	·	·	·	·09	·	·09	·11	1·11	·19	·17	·	·46		28
29	·01	·	·	·	·	·	·07	·32	·10	·15	·	·08		29
30	·48	×	·	·	·	·	·01	·03	1·36	·57	·	·30		30
31	·03	×	·	×	·	×	·03	·19	×	–	×	·16		31
TOTAL	6·72	·24	2·37	3·57	4·40	2·94	2·03	5·50	5·35	4·31	1·81	6·72	Year's Total. 48·96	
* Days with .01 in. or more.	23	8	24	21	19	10	14	22	25	28	21	27	245	
* Days with .04 in. or more.	18	2	19	14	13	8	10	19	19	25	11	24	185	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) G. F. Fisher

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3649

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Higham

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 9 in.

,, Ground ,, Sea Level 500 ft.

dafys.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	72	32		·005		·04	·13		·56	·07	02	27		1
2	03	04				04			1·01	·25	27	05		2
3	05	43	·06			10	·28		15	01	27	09		3
4		11	·06	·02		33	·02		·57	10		12		4
5		37	·06			22	·20		03	06	17	17		5
6	·03		005			26				03	06	05		6
7				·07						76		25		7
8		·01		25		·41				91	02	10		8
9	·01	·04		54		22	·02			95	06			9
10	·18	·49		05		19				07	02			10
11	·48	17		04		10		·19	15	·22	24			11
12		21				04			18	·07	02			12
13	15	13		04	·36	05	·06		14	·20	06			13
14	01	12		06	03	12		·05	28		23	·07		14
15		74		21	18	01			30	·37	22	·16		15
16		70	·09	1·13	snow. ·30	05	·27	·05	04		11			16
17		01		·45		02	·02	·07	57	·31	41			17
18	01	25		·01	·01	14	·10	·07	02	·45	02			18
19		·91		·10		·03	·56			·29	02			19
20		·57		·22		·01			·37					20
21	·005	·04	·14	·09					03	·15				21
22		08	·18	·06					02					22
23	·11	13	·12	·09		·11	·01	·04	45	·23				23
24	47	46	·06							10		·07		24
25	36		·02				·01	·02	·15	03	43	·17		25
26						·32	·06	2·05	·10	43	02	·18		26
27		·17				·05	42	·44	·30	46	74	·11		27
28	·08	05				·06		·10	65	66	12			28
29	005	X	14					·25		43	14	·11		29
30	·05	✕	01			·32		·17	·25	42	60			30
31	·24	✕	·005	✕		✕		·02	✕	18	✕	·32		31
TOTAL	2·99	6·55	·95	3·43	·88	3·24	2·16	3·52	6·23	8·21	4·27	2·29	Year's Total 44·72	44·72
* Days with .01 in. or more.	17	24	12	17	5	24	14	13	22	27	23	16	214	
* Days with .04 in. or more.	11	22	9	15	3	20	9	11	18	24	16	10	174	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) G. F. Fisher.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3649

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Higham

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 9 in.

„ Ground „ Sea Level 500 ft.

Dep

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·17 ~~·72~~	·19 ~~·32~~	·01	=	=	·01	·67	·36	·12	=	·25	·14		1
2	·[illegible]	·05	=	=	=	=	·10	·06	·15	=	·21	·07		2
3	·01	~~·45~~	=	=	=	·46	=	·05	·21	=	·02	·17		3
4	·22	~~·12~~	·23	=	=	·02	·12	·10	·56	=	·46	·39		4
5	·42	·02	·06	=	=	·07	=	·54	·27	=	·23	·21		5
6	·04	~~·4~~	·01	=	·08	·02	·57	·17	·66	=	·17	=		6
7	=	~~·4~~	·09	=	=	=	·01	=	·41	=	·54	·42		7
8	·06	~~·04~~	·20	=	=	=	=	·01	=	=	·13	=		8
9	1·10	~~·04~~	·12	=	=	·05	·20	·07	·29	=	·41	=		9
10	·30	~~·49~~	=	=	=	=	·37	=	=	=	·51	=		10
11	~~·18~~	~~·17~~	=	·02	=	·09	·12	·16	·11	=	·21	·42		11
12	=	~~·25~~	=	·09	·01	·01	·05	=	·39	=	·16	=		12
13	~~·15~~	~~·15~~	=	·08	·06	=	·08	·01	·17	·37	·10	1·63		13
14	~~·01~~	~~·12~~	=	·05	=	·46	=	·03	·36	·03	·25	·75		14
15	=	~~·24~~	=	·02	·13	·31	·09	·03	=	·16	·31	·58		15
16	=	~~·70~~	·11	·01	03	·32	·02	=	=	·49	·55	=		16
17	·15	·23	·03	·03	07	·06	·16	·15	=	·58	·12	·55		17
18	~~·01~~	·22	=	·02	03	=	·09	·31	=	·16	=	=		18
19	·72	·91	·01	=	=	=	·51	·06	=	·31	=	·12		19
20	·12	·22	·13	=	=	=	·06	=	=	·11	=	·15		20
21	·16	·28	·20	=	=	·34	=	=	=	·12	=	·16		21
22	·15	·18	·04	=	=	·24	·08	=	=	·15	=	=		22
23	~~·11~~	·56	·04	·05	·02	=	·52	·02	=	·18	=	=		23
24	·02	·22	=	·21	·42	=	·27	=	·82	1·05	=	=		24
25	·32	·01	=	·04	=	=	·14	=	·39	·22	=	=		25
26	·17	·14	·05	·01	=	=	=	=	·03	·41	=	·03		26
27	·21	·01	·02	=	=	=	·09	=	=	·28	=	=		27
28	~~·08~~	·34	·02	·02	·04	=	·02	=	=	·01	·17	=		28
29	·05	·09	·45	=	·32	·58	=	=	=	·61	·21	·02		29
30	·05		·02	=	·03	·15	·69	·04	=	·15	·03	·49		30
31	·02		·12		·05		·07	=		=		·41		31
TOTAL	~~2·99~~ 4·42	2·97	1·98	·65	1·29	3·19	5·10	2·17	4·94	5·39	5·04	6·71	Year's Total 43·85 ✓	
* Days with .01 in. or more.	20	16	20	13	13	16	24	17	15	18	20	18	210	✓
* Days with .04 in. or more.	17	13	13	6	8	12	21	12	14	16	18	16	166	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) G. F. Fisher. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3649

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Days.

Kept at Higham

in the County of Cumberland

File No. 94075 6/29

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	01	09				21		83	12		03		1
2	·15	48	17	17		08	07		13	01		02		2
3	·14	46	04			57	28					01		3
4	·64		01	05	·07	09	07		79			26		4
5	·76			11		41	26	09	60			11		5
6	·07			06	07	31	03	09	03					6
7	·04	10		20	02		16		09			08		7
8		27		05		06	24	01	04					8
9		18		08	03	10	18	20	01					9
10		11			10	04	01		–			41		10
11	·06		·25									09		11
12	·82	17	08	07	·04	10	04	70	20	01		18		12
13		07	02			05		20		04		25		13
14		13	05				38	47	19	03		19		14
15	·41	54	04	07					41					15
16	·16	31	51	36	·03			20						16
17	·83	04	05	25				03	22					17
18		19	05				·03	30			03			18
19	·05	47	03	14		01		03			09			19
20	·84	08	~	11	41	18	·04			04	15	05		20
21	34	09	·13	20	10		65			16	03	08		21
22	28		03	06	29	08	21			02		33		22
23	07		07	01	03		31		·20	1·26		04		23
24	59	02	20		01		09		41	·10		13		24
25	02	58	03					·01		17	·02	04		25
26		24	03		20				02	35		02		26
27		86		·19		01	12		10	·32		02		27
28		–				14	–			·02		01		28
29		–				03				·18	·06	01		29
30	·08	✕			02	04		12	·30	·32	·27	01		30
31	·08	✕		✕	04	✕		53	✕	·06	✕			31
TOTAL	6·44	5·40	1·87	2·18	1·46	2·30	3·38	2·98	4·57	3·21	·65	2·37	Year's Total 36	·81
* Days with .01 in. or more.	21	21	19	17	15	17	19	14	17	17	7	22	206	
* Days with .04 in. or more.	19	19	13	16	9	14	16	10	14	12	4	14	160	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) G. F. Fisher E.S. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3649

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Higham Bassenthwaite Lake
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft. 9 in.
,, Ground ,, Sea Level 500 ft.

Totals
Days w.j.f.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·15	·03	·03	–	1·61	·21	–	·29	1·21	·06	·14		1
2	–	·09	–	·59	–	·82	–	–	·38	1·07	·34	·26		2
3	·01	·05	–	–	–	·04	·33	–	·49	·18	·36	·01		3
4	·01	·01	–	·14	–	·09	·13	–	–	·46	·04	·95		4
5	·03	·09	–	·01	–	·10	·19	–	·13	·96	·01	·04		5
6	·23	·02	·01	·08	–	·30	·03	·02	·22	·14	·04	·03		6
7	·09	–	–	–	–	–	·28	·16	·03	·60	·30	·02		7
8	·09	·19	–	–	–	–	·22	·22		·04	·57	·15		8
9	·30	·24	·03	–	–	·17	·02	–		·19	–	·61		9
10	·07	·04	·02	–	–	·03	·33	–	·02	·24	·01	·19		10
11	·25	·08	–	–	·18	·03	·13	·80	·08	1·84	·07	·27		11
12	·35	–	–	–	·16	–	–	·02	·03	·05	2·24	·06		12
13	·04	–	–	–	·05	–	·75	·03	·07	–	·44	·12		13
14	·75	–	–	–	·09	–	–	–	–	·57	·07	·02		14
15	·31	·01	·59	–	·64	–	·05	·59	–	·61	–	·22		15
16	·34	·03	·03	–	·04	–	–	·19	·51	·68	·06	–		16
17	·01	–	·04	–	·39	–	·10	·45	·58	·40	·05	–		17
18	·13	–	·09	–	–	·19	–	·34	·02	–	·56	–		18
19	·01	–	·63	–	–	–	·02	·28	·05	–	·10	–		19
20	·54	–	1·09	–	·02	–	·01	·30	·04	–	·07	–		20
21	–	–	–	·02	·01	–	–	·42	·18	·13	·50	–		21
22	–	–	–	·01	·09	–	–	–	·01	·01	·38	–		22
23	·23	–	·02	–	·21	·33	–	·01	·04	–	·44	–		23
24	·44	·01	·23	–	–	·29	–	·01	·20	·27	·25	–		24
25	·02	·24	·03	–	·31	·02	1·12	–	–	·18	·27	·07		25
26	·16	·12	·22	–	·21	·72	·04	–	–	·46	·04	·04		26
27	·27	·38	–	–	·32	·56	·39	·25	–	·06	·31	–		27
28	·37	·08	·04	–	·22	·84	·03	–	–	·07	·19	·06		28
29	·08	–	·04	–	·32	·03	2·00	–	·03	·09	·45	·40		29
30	·17		–	–	–	·13	·62	–	·18	·10	·55	·06		30
31	·27		–		·20		–	–		·78		·98		31
TOTAL	5·57	1·53	3·14	·83	3·57	6·30	7·00	4·09	3·74	11·60	8·71	4·70	Year's Total 60·72	✓
* Days with .01 in. or more.	27	17	16	7	17	18	21	16	21	26	28	21	~~60·72~~ 235	✓
* Days with .04 in. or more.	21	12	9	2	15	14	16	11	15	24	26	17	183	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) G. J. Fisher. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3649

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Higham.
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground – ft. 9 in.
,, Ground ,, Sea Level 500 ft.

Days

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·30	-	·65	·03	-	-	·14	·17	·02	-	-	59		1
2	-	-	·39	·05	-	-	·49	24	·08	-	-	19		2
3	-	-	·16	-	-	-	-	08	·41	-	01	48		3
4	-	·01	·37		-	-	·15	-	-	-	-	12		4
5	-	·27	·09		·01	-	·35	-	-	·33	·49	-		5
6	·46	·44	·09	-	-	-	·28	-	-	-	·32	-		6
7	·72	·22	·25	-	-	-	·06	02	·06	-	·07	·02		7
8	1·50	1·27	·18	·32	-	-	·19	09	·13	-	·41	·28		8
9	·49	·16	-	·06	-	-	·03	·70	·13	·20	·32	·19		9
10	-	·01	·04	-	-	·31	-	·25	·97	·47	·12	·13		10
11	·11	·24	·35	-	-	·37	-	04	-	·04	·11	-		11
12	19	·18	-	·09	-	-	·04	-	·18	-	-	-		12
13	·24	-	·03	·13	·14	·01	·50	-	·04	·03	·42	-		13
14	·54	·01	·05	·12	·45	·52	·07	-	-	·07	·67	-		14
15	·38	·02	·03	·43	·04	·57	·10	-	-	-	·18	-		15
16	·44	01	-	·04	·01	-	·44	-	-	-	·28	-		16
17	·24	·12	·03	-	-	·07	-	-	-	-	·01	-		17
18	·10	·23	·21	-	-	·05	·14	-	-	-	·45	-		18
19	·23	-	-	-	-	-	·64	·28	-	-	-	-		19
20	·01	-	·01	-	·09	·09	·09	-	-	-	·01	-		20
✓ 21	·14	·47	·17	·08	-	-	-	·17	-	-	-	-		21
22	·07	·17	·09	·09	-	-	·06	·12	-	·08	·71	-		22
23	·04	·41	·08	·32	-	·02	·06	-	-	·09	-	-		23
24	-	·35	·24	·11	-	-	-	-	-	-	·01	·03		24
25	·31	·04	·02	·15	-	-	-	-	-	-	1·17	·01		25
26	·01	·01	·02	·02	·01	-	-	·74	-	·05	-	-		26
27	-	·30	·02	·02	-	·29	·04	·04	-	·03	[illegible]	·06		27
28	-	·04	·05	-	-	·67	·91	·01	-	·02	·55	-		28
29	-	-	·06	-	-	·51	·27	-	-	·12	·16	-		29
30	-	✕	-	·02	-	·17	·15	-	-	·03	·70	·02		30
31	-	✕	-	✕	-	✕	·41	-	✕	-	✕	-		31
TOTAL	6·52	4·98	3·44	2·08	·75	3·65	5·61	2·95	2·02	1·56	7·23	2·12	Year's Total 42·91	✓
* Days with .01 in. or more.	20	22	25	17	7	13	23	14	9	13	22	12	197	✓
* Days with .04 in. or more.	18	16	18	13	4	11	22	12	8	9	18	8	157	✓

† Spare column, no entries required

(*Signed*) G. F. Fisher

* See Instruction 3 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations File No 940756/29 Station No. 3649 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40 1940

Kept at Higham

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ... ft. 9 in.

,, Ground ,, Sea Level c. 500 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·05

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1		-		·21	-	-	·64	-	-	-	·13	·41		1
2	-	-	-	·05	-	-	·37	-	-	-	57	·14		2
3	-	·09	-	·03	-	-	·04	-	-	-	-	10		3
4	-	·10	-	07	-	-	·21	-	·09	·03	·02	42		4
5	-	-	-	-	·27	-	01	·03	-	·72	06	72		5
6	·02	·09	-	·05	-	-	12	-	-	·42	19	·04		6
7	·02	·01	-	·27	·07	-	-	·24	·18	·03	-	-		7
8	01	-	·19	-	-	-	·02	·05	·15	·36	·17	·15		8
9	·10	-	1·02	·01	-	-	42	·36	·30	77	·37	·45		9
10		-	·13	-	-	-	57	19	-	13	·15	·05		10
11	-	-	1·07	·37	-	-	·14	-	·02	-	1·01	-		11
12	-	-	1·05	-	-	-	-	·05	1·02	-	·06	-		12
13	-	-	·04	-	-	-	·14	·11	·22	-	·17	·02		13
14	-	-	·06	·22		-	·15	·1-	·08	-	·02	·29		14
15	-	-	·10	·03	·42		-	-	-	·06	·36	·13		15
16	02	-	·02	04	-	-	·35	·01	·48	·11	·02	·33		16
17	-	-	·16	-	-	-	1·03	·10	·40	·03	·09	·07		17
18	09	-	·21	·09	-	-	·19	·44	·42	-	-	·75		18
19	·42	·06	·12	·13	-	-	·05	-	·32	-	·36	·01		19
20	-		·16	·22	-	-	·09	·22	·35	·16	·08	-		20
21	-	-	·17	·08	-	·67	-	·07	·02	·03	-	-		21
22	-	·15	·01	-	-	·25	-	·05	·27	·01	-	-		22
23	·08	·14	·03	·07	·05	-	·18	-	·07	-	·16	-		23
24	·45	01	-	-	·03	-	·11	-		-	·03	·03		24
25	·04	-	-		·31	—	·01	·01		-	·03	·02		25
26	·49	·12	·10		·01	-	-	·26	·04	-	·24	-		26
27	·20	·07	-	-	·02	-	-	-	-	-	07	-		27
28	-	·02	-	-	·42	-	-	17	-	-	·01	·29		28
29	-	-	·17	·01		·13	·27	-	-	·02	·04	·36		29
30	-	✖	03		·02	-	-	-	-	·30	-	·30		30
31	·02	✖	·72	✖	·01	✖	-	-	✖	·30	✖	-		31
TOTAL	1 96	·85	5·82	1·61	1·65	1·18	5·25	2·91	5·43	4·00	443	5·15	Year's Total 40 24	
* Days with ·01 in. or more.	13	11	20	17	11	3	21	17	17	16	24	21	191	
* Days with ·04 in. or more.	8	8	16	13	6	3	18	13	15	10	18	17	145 40·24	

† Spare column, no entries required.

(*Signed*) G. J. Fisher

* See Instruction 3 (f) on other side.

P.T.O.

Bassenthwaite (A

Section **A** for the entry
AIR MINIS

Station No. 3649/5
H RAINFALL ORGANIZATION

3649/5

BASENTHWAITE

ARMATHWAITE HALL

1940

780703

FORM 1090

REG N 19~~3~~40

5/+0

estd. for nearby stns.

/ gauge

Kept at Armathwaite

in the County of Cumb

Diameter of Funnel of Gauge..

Height of top of Gauge above

,, Ground ,,

THE MORNING MEAS **PREVIOUS DAY**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1											·11	·39		1
2											(1·00) lost	·16		2
3											tr.	·06		3
4											tr.	·39		4
5											·07	(1·00) lost		5
6											·31	·01		6
7											tr	—		7
8											·29	·17		8
9											·36	·16		9
10											·16	·04		10
11											(·10) lost	—		11
12											·06	—		12
13											·16	—		13
14											·01	(·60) lost		14
15											·23	(·40) lost		15
16											·02	·29		16
17											·16	·07		17
18											tr.	·66		18
19											·08	—		19
20											(·20) lost	—		20
21											tr	—		21
22											—	—		22
23											·16	—		23
24											·02	·03		24
25											·01	tr.		25
26											·30 lost	—		26
27											·05	tr		27
28											—	·03		28
29											tr.	·15		29
30		×									·04	·07		30
31		×		×		×			×		×	·02		31
TOTAL											(4.90) ~~2.30~~	(4·70) ~~2·70~~	Year's Total ..	upimp
* Days with .01 in. or more.											~~18~~ 22	~~16~~ 19	..	WK
* Days with .04 in. or more.											~~14~~ 18	~~12~~ 15	..	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) E. Marjorie Sleight. [P.T.O.

N

Bassenthwaite (A

Section **A** for the entry of Daily Observations

Station No. 364⁄9/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Armathwaite Hall, Bassenthwaite

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 300 ft.

A200675/+D

Missing value estd. from nearby stns.

Est min 1 gauge

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1											·11	·39		1
2											(1·00) lost	·16		2
3											tr.	·06		3
4											tr.	·39		4
5											·07	(1·00) lost		5
6											·31	·01		6
7											tr	—		7
8											·29	·17		8
9											·36	·16		9
10											·16	·04		10
11											(·10) lost	—		11
12											·06	—		12
13											·16	—		13
14											·01	(·60) lost		14
15											·23	(·40) lost		15
16											·02	·29		16
17											·16	·07		17
18											tr.	·66		18
19											·08	—		19
20											(·20) lost	—		20
21											tr	—		21
22											—	—		22
23											·16	—		23
24											·02	·03		24
25											·01	tr.		25
26											·30 lost	—		26
27											·05	tr		27
28											—	·03		28
29											tr.	·15		29
30		✕									·04	·07		30
31		✕		✕		✕			✕		✕	·02		31
TOTAL											(4.90) ~~2.30~~	(4·70) ~~2.70~~	Year's Total ..	upimp
* Days with .01 in. or more.											~~8~~ 22	~~6~~ 19	..	
* Days with .04 in. or more.											~~4~~ 18	~~2~~ 15	..	WX

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) E. Marjorie Sleigh. [P.T.O.

N

3650

RAVENGLASS

1931 – 40

Sect

FOR

475/27

3650

COPY FOR OFFICIAL USE.

ICE.—BRITISH RAINFALL ORGANIZATION.

FALL IN 1931 .

TO THE PREVIOUS DAY.

780703

ng made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
31	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·20	—	—	·06	—	—	·07	—	·17	·39	—	·03	1
2	—	—	—	·12	—	1·29	·02	—	·61	·05	·31	1·40	2
3	—	—	—	—	—	·02	·97	—	·27	·20	1·90	·70	3
4	—	—	—	·17	—	—	—	—	—	·04	·10	·20	4
5	—	·06.	—	—	·16	·37	—	—	—	—	—	·78	5
6	—	·33	—	—	·09	·40	—	—	·35	·98	·32	—	6
7	—	·03	—	—	·02	·28	—	·35	—	·07	·03	·10	7
8	·01	·27	—	·24	—	—	·37	—	—	·02	·15	—	8
9	·07	·04	—	·06	·10	·05	·45	·35	—	·40	·35	·13	9
10	·04	·09	—	—	·80	·21	—	·07	—	—	·45	·03	10
11	·33	·24	—	·02	—	·43	·72	·01	·29	·03	·08	·02	11
12	—	·02	·02	·10	—	·10	·23	·04	—	·10	·09	—	12
13	—	—	·26	—	·10	2·05	·12	·01	—	—	·49	·07	13
14	·26	·49	·08	·02	·07	·61	·17	·25	·04	—	·66	·04	14
15	·08	·17	—	·22	·03	·17	·02	·08	—	—	—	·02	15
16	·25	·09	—	·22	—	·05	·04	·63	·29	—	—	—	16
17	·37	—	—	·10	·50	·04	·34	·02	·02	—	·24	—	17
18	—	—	—	·02	·26	·05	·22	·03	—	·03	·45	—	18
19	—	·80	·07	—	·02	·11	·01	1·08	—	—	—	—	19
20	—	·08	·10	—	—	·06	—	·04	—	—	·15	—	20
21	·48	—	·47	·01	·10	·06	·06	·05	—	—	·02	—	21
22	·54	·03	·02	·13	·08	·18	·15	·01	—	—	·05	·03	22
23	·14	—	—	·14	·23	·11	—	—	—	—	·65	·75	23
24	—	·52	—	·25	·16	—	·05	—	—	—	·09	·02	24
25	·24	·09	—	·31	·02	—	·06	—	—	—	·13	—	25
26	—	·04	—	·59	—	—	·10	—	—	·04	1·00	—	26
27	·26	—	·06	·14	—	·01	·31	—	—	·16	·45	—	27
28	·42	·03	·02.	—	·22	·01	·07	—	—	—	—	·46	28
29	·05	×	—	—	·10	—	1·30	—	—	·62	·07	—	29
30	·07	×	—	·10	—	—	·07	—	·13	—	—	—	30
31	1·11	×	—	×	·10	×	·09	—	×	·27	×	·50	31
99 TOTAL	4·92	3·42	1·10	3·02	3·10	6·66	5·84	3·02	2·17	3·40	8·23	5·22	YEAR'S TOTAL 50·10.
*Days with ·01 in. or more.	18	18	9	20	19	23	25	15	9	15	23	17	211
*Days with ·04 in. or more.	17.	14	6	14	14	20	18	10	8	12	21	10	164

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(Signed) Walter Marchant [P.T.O.

*See Instruction 2 (*f*) on other side.

Sec 475/27 3650

COPY FOR OFFICIAL USE.

FICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Ravenglass.
in the County of Cumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 70 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
31	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·20	—	—	·06	—	—	·07	—	·17	·39	—	·03	1
2	—	—	—	·12	—	1·29	·02	—	·61	·05	·31	1·40	2
3	—	—	—	—	—	·02	·97	—	·27	·20	1·90	·70	3
4	—	—	—	·17	—	—	—	—	—	·04	·10	·20	4
5	—	·06.	—	—	·16	·37	—	—	—	—	—	·78	5
6	—	·33	—	—	·09	·40	—	—	·35	·98	·32	—	6
7	—	·03	—	—	·02	·28	—	·35	—	·07	·03	·10	7
8	·01	·27	—	·24	—	—	·37	—	—	·02	·15	—	8
9	·07	·04	—	·06	·10	·05	·45	·35	—	·40	·35	·13	9
10	·04	·09	—	—	·80	·21	—	·07	—	—	·45	·03	10
11	·33	·24	—	·02	—	·43	·72	·01	·29	·03	·08	·02	11
12	—	·02	·02	·10	—	·10	·23	·04	—	·10	·09	—	12
13	—	—	·26	—	·10	2·05	·12	·01	—	—	·49	·07	13
14	·26	·49	·08	·02	·07	·61	·17	·25	·04	—	·66	·04	14
15	·08	·17	—	·22	·03	·17	·02	·08	—	—	—	·02	15
16	·25	·09	—	·22	—	·05	·04	·63	·29	—	—	—	16
17	·37	—	—	·10	·50	·04	·34	·02	·02	—	·24	—	17
18	—	—	—	·02	·26	·05	·22	·03	—	·03	·45	—	18
19	—	·80	·07	—	·02	·11	·01	1·08	—	—	—	—	19
20	—	·08	·10	—	—	·06	—	·04	—	—	·15	—	20
21	·48	—	·47	·07	·10	·06	·06	·05	—	—	·02	—	21
22	·54	·03	·02	·13	·08	·18	·15	·01	—	—	·05	·03	22
23	·14	—	—	·14	·23	·11	—	—	—	—	·65	·75	23
24	—	·52	—	·25	·16	—	·05	—	—	—	·09	·02	24
25	·24	·09	—	·31	·02	—	·06	—	—	—	·13	—	25
26	—	·04	—	·59	—	—	·10	—	—	·04	1·00	—	26
27	·26	—	·06	·14	—	·01	·31	—	—	·16	·45	—	27
28	·42	·03	·02.	—	·22	·01	·07	—	—	—	—	·46	28
29	·05	×	—	—	·10	—	1·30	—	—	·62	·07	—	29
30	·07	×	—	·10	—	—	·02	—	·13	—	—	—	30
31	1·11	×	—	×	·10	×	·09	—	×	·27	×	·50	31
99 TOTAL	4·92	3·42	1·10	3·02	3·10	6·66	5·84	3·02	2·17	3·40	8·23	5·22	YEAR'S TOTAL 50·10
*Days with ·01 in. or more.	18	18	9	20	19	23	25	15	9	15	23	17	211
*Days with ·04 in. or more.	17.	14	6	14	14	20	18	10	8	12	21	10	164

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*See Instruction 2 (*f*) on other side.

(Signed) Walter Marchant

[P.T.O.

COPY FOR OFFICIAL USE. ~~File no. 21475/27~~ 3650

Section **A** for the entry of Daily Observations. Station No. 3650

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Ravenglass

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft in.

,, Ground ,, Sea Level 70 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
32	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·40	—	—	·40	·12	—	·07	—	·97	·12	·16	·47	1
2	·36	·01	—	·10	—	—	·25	·18	·77	—	·20	·15	2
3	·01	—	—	—	—	—	·32	—	—	—	·07	·22	3
4	·12	—	·01	—	—	—	·22	—	—	·15	—	·04	4
5	·25	—	·10	·08	·02	—	—	·02	·65	—	—	—	5
6	·41	—	·20	·10	·02	—	—	—	·02	·49	—	—	6
7	—	—	·50	·07	—	—	—	—	·24	·61	—	—	7
8	·08	—	—	·29	—	—	—	—	·35	·30	—	—	8
9	1·20	—	—	·22	·07	—	—	—	·20	·08	—	—	9
10	·06	—	—	·10	—	—	—	—	·48	·12	—	—	10
11	·11	—	—	—	1·60	—	1·15	—	—	—	—	—	11
12	·36	—	—	—	1·05	—	1·75	·01	·02	·36	—	—	12
13	·03	—	—	·26	·17	—	·20	·01	·20	·30	—	·26	13
14	·26	—	—	—	—	—	—	—	·03	—	—	·25	14
15	·26	—	—	—	·36	—	—	—	—	·25	—	·11	15
16	·57	—	—	—	—	—	—	·01	—	·12	—	1·52	16
17	—	—	—	—	—	—	·05	·05	·01	·29	—	·42	17
18	·01	—	—	—	·28	—	—	—	·14	·13	—	·41	18
19	—	—	—	·22	·14	—	·15	—	—	·61	—	·23	19
20	·10	—	·16	·14	·02	—	—	·78	—	·28	·04	·09	20
21	·07	—	·62	·02	—	—	—	·23	—	·90	·24	·13	21
22	·02	—	·01	·30	—	—	·12	—	—	·71	·64	·19	22
23	—	—	—	·01	—	—	·31	—	—	·33	·14	·23	23
24	·43	—	·01	—	—	·06	·03	—	·12	·01	·21	·03	24
25	—	—	—	·16	·04	·10	·20	—	·49	·91	·24	—	25
26	—	—	—	—	·11	·02	·40	·04	·06	·14	·08	·07	26
27	—	—	·62	·35	—	·90	·06	—	—	·14	·04	·52	27
28	—	—	·10	·05	·62	·07	·14	—	—	·01	—	·10	28
29	—	—	1·40	·19	·09	·13	·64	·31	·01	·90	·21	·25	29
30	—	×	·06	·06	·08	·69	·07	·27	·15	·25	·29	—	30
31	·02	×	—	×	—	×	·04	·12	×	·19	×	10	31
99 TOTAL	5·13	·01	3·79	3·15	4·79	1·97	6·11	2·03	4·91	8·70	2·56	5·79	YEAR'S TOTAL 48·94
*Days with ·01 in. or more.	21	1	12	19	16	7	19	12	18	26	13	21	185
*Days with .04 in. or more.	16	—	9	17.	13	6	17.	8	13	24	13	20	156

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Walter Marchant

P.T.O.

File No. 814475/24.

J K J

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. ~~3622~~ 3650

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Ravenglass

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft ...... in.

,, Ground ,, Sea Level 70. ft.

24.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
33	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	·04	·15	—	—	·16	—	·17	—	—	·25	—		1
2	·60	—	·12	·07	—	·69	—	·02	—	—	—	—		2
3	·10	·74	·23	·03	·37	—	—	—	—	—	—	—		3
4	·76	·14	·12	—	·34	—	—	—	—	—	·05	—		4
5	·20	·04	·44	—	·15	—	—	—	—	—	·02	—		5
6	—	·14	—	—	·36	—	—	—	—	—	—	—		6
7	·05	·25	—	—	·06	—	·44	·09	—	·44	—	—		7
8	·17	—	·75	·38	·18	—	·08	·01	—	·01	·09	—		8
9	—	·51	—	—	·09	—	·86	—	—	·65	·12	—		9
10	·18	—	—	—	—	·03	·07	—	—	·44	·02	—		10
11	—	—	—	·05	—	—	·04	—	—	·15	—	·38		11
12	·16	·03	—	—	—	—	·13	—	—	·14	—	—		12
13	—	—	·01	—	·15	—	·23	·26	—	·03	·44	—		13
14	1·00	—	·06	—	—	—	·18	·06	—	·05	·77	—		14
15	·09	—	·25	—	—	·02	·09	·40	—	·36	·12	—		15
16	—	·02	·41	·11	·26	·41	—	·04	—	·06	—	·03		16
17	—	—	·27	—	—	·37	—	·08	·06	·08	·05	—		17
18	—	—	·05	—	—	·11	—	—	—	—	·02	·05		18
19	—	—	·58	—	—	·10	—	—	·40	—	·44	·01		19
20	—	·33	—	—	·12	—	—	·18	·39	—	—	—		20
21	—	—	—	—	—	·05	—	·04	—	—	—	—		21
22	—	—	—	—	·18	—	—	·07	—	·10	—	—		22
23	—	—	—	·15	—	—	—	·01	—	·05	—	—		23
24	—	·13	—	·50	·38	·07	·05	—	·05	·01	—	·07		24
25	—	1·56	—	—	—	—	·04	·08	·05	—	—	·13		25
26	—	1·60	—	·50	·01	—	·01	—	·16	·24	—	·12		26
27	—	·17	—	—	·05	—	·06	—	—	—	—	·05		27
28	—	·07	—	—	—	—	·10	1·25	—	·04	—	—		28
29	—	×	—	·05	—	—	·01	·06	—	—	—	·10		29
30	·12	×	—	—	—	·01	·65	—	—	·20	—	·10		30
31	·55	×	·09	×	—	×	—	·35	×	·08	×	·17	Year's Total	31
99 TOTAL	4·19	5·77	3·53	1·84	2·40	2·02	3·04	3·17	1·11	3·13	2·39	1·21	34·10	
*Days with ·01 in. or more.	13	15	14	9	14	11	16	17	6	18	12	10	155	6
*Days with ·04 in. or more.	13	13	13	8	13	8	14	14	6	15	9	9	135	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) pp Walter Marshall HS.

[P.T.O.

File No. 814475/27.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3650.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Ravenglass
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft in.
,, Ground ,, Sea Level 70 ft.

24. TL

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
34	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·44	—	·28	—	·04	—	—	·16	·15	—	—	·42		1
2	—	·01	·04	—	—	—	—	·42	·17	—	·11	·70		2
3	·45	—	—	—	—	—	—	—	·02	·18	·18	·27		3
4	·25	—	·06	—	·13	—	—	—	·11	·28	—	·52		4
5	—	—	·01	—	·61	—	—	·16	·18	—	—	·24		5
6	·13	·01	·06	·01	·41	—	—	·14	·25	·42	—	·10		6
7	·24	·06	·05	·03	·04	·04	—	—	·19	·08	·23	·35		7
8	—	—	·19	—	·95	—	—	·16	·02	·37	·08	·10		8
9	·25	—	·10	·04	—	—	—	·21	—	·32	—	·10		9
10	·23	—	·05	·08	—	—	—	·32	—	·10	—	—		10
11	·25	—	·02	·26	—	—	—	·11	—	·04	—	·26		11
12	—	—	—	·30	—	—	—	·01	—	·06	—	·12		12
13	·56	—	—	·26	·02	—	·09	—	—	·17	—	·03		13
14	·10	—	·51	·08	·07	·16	—	—	—	·24	—	·22		14
15	·09	—	·03	·08	·66	—	·04	·25	·18	·05	—	·36		15
16	·44	—	·50	·01	·01	—	—	—	·07	·04	·02	·08		16
17	·16	—	·14	·21	·20	—	·11	—	·42	—	—	·50		17
18	·21	—	·02	·37	·28	·54	—	·08	·27	—	—	·54		18
19	—	—	·02	—	·33	·19	·02	·05	·36	·26	·14	·12		19
20	—	—	—	·36	·08	—	—	·48	·11	·11	·03	—		20
21	·03	—	·07	—	—	·36	—	·28	·26	·27	·02	—		21
22	·23	—	·02	·04	—	—	—	·15	·49	·04	·04	—		22
23	·03	—	·24	·44	—	—	·10	·06		·47	·04	·04		23
24	—	·14	·04	·01	·21	·08	·13	—	·29	·70	·03	—		24
25	·11	—	·11	·10	·05	—	·13	—	·50	·65	·01	·95		25
26	·02	—	·02	—	—	·52	—	—	·34	·14	—	·10		26
27	—	—	—	—	—	·06	·20	·09	—	·08	·10	·36		27
28	—	—	—	—	—	—	·06	·83	·18	·11	—	·57		28
29	—	×	—	—	—	—	·14	—	·13	·23	—	·20		29
30	·46	×	—	—	—	—	·02	·24	1·22	·23	—	·20		30
31	—	×	—	×	—	×	—	·38	×	—	×	·19		31
99 TOTAL	4·68	·22	2·64	2·68	4·09	1·95	1·04	4·58	5·91	5·64	1·03	7·64	Year's Total 42·10	✓
*Days with ·01 in. or more.	20	4	22	17	16	8	11	20	22	25	13	26	204	
*Days with .04 in. or more.	17	2	15	13	14	8	9	19	20	25	8	26	176	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) pp. Walter Marchant [P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3650.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935. File No. 81447 5/27

Kept at Ravenglass

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 70 ft.

24

TL

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
35	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·57	·18	–	–	–	–	·05	–	1·06	·10	·06	27		1
2	·02	·08	·05	–	–	·08	–	–	·09	·83	·21	·12		2
3	·02	·38	·16	–	–	·03	·04	–	–	–	·35	·04		3
4	–	·07	·07	·03	–	–	–	–	·10	·10	–	·59		4
5	–	·20	·10	–	–	–	·03	–	·02	–	·15	13		5
6	–	–	·01	–	–	·69	–	·01	–	–	·64	·03		6
7	–	–	–	·06	–	·21	–	–	–	1·00	–	·44		7
8	–	–	–	·13	–	·23	–	·10	–	·13	·05	·57		8
9	·04	·04	–	·56	–	–	·11	–	–	·95	·10	–		9
10	·10	·58	–	–	–	·07	·04	–	–	·02	·09	–		10
11	·40	·03	–	·01	–	·23	–	·10	–	·21	·27	–		11
12	·03	·25	–	–	·36	·10	–	–	·16	–	·01	–		12
13	·13	·09	–	·18	–	·01	–	–	·03	·16	·21	–		13
14	–	·02	–	·03	·31	·04	·03	–	·10	·02	·22	23		14
15	–	·34	–	·35	·17	·05	–	–	·13	·10	·23	·10		15
16	·01	·17	–	·56	–	–	·02	·09	·49	–	·17	–		16
17	–	–	–	·27	–	·15	–	·08	·89	·25	·30	–		17
18	–	·06	.05	–	·07	–	·04	–	·96	–	–	–		18
19	–	·38	–	·08	–	·60	1·13	·06	·02	·24	·15	–		19
20	–	·35	·02	·38	–	·14	–	–	–	·02	·03	–		20
21	–	·04	·16	·02	–	–	·01	–	1·25	·07	–	·16		21
22	–	·12	·03	·02	–	–	·09	–	·28	–	–	–		22
23	·03	·13	·22	·08	–	–	·01	·03	·16	·43	–	–		23
24	·41	·45	·18	–	–	–	–	–	·83	·06	–	·31		24
25	·16	–	·03	–	–	·22	–	·05	–	·10	·10	·02		25
26	–	·09	–	–	–	·24	·15	1·52	·32	·61	–	·21		26
27	–	·17	–	–	–	·19	·30	–	·21	·32	·67	·07		27
28	·07	·19	–	–	–	–	–	·21	·22	·70	·09	–		28
29	–	×	·15	–	–	·06	–	·32	·79	·10	·07	·25		29
30	·16	×	–	–	–	·43	–	·06	·25	·18	·39	·05		30
31	·28	×	–	×	–	×	–	–	×	·02	×	·38		31
99 TOTAL	2·43	4·41	1·23	2·76	·91	3·77	2·05	2·63	8·36	6·72	4·56	3·97	Year's Total 43·86	
*Days with ·01 in. or more.	15	23	13	15	4	19	14	12	21	24	22	18	200	
*Days with .04 in. or more.	10	21	9	10	4	17	9	10	18	20	20	16	164	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Walter Marchant.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3650

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Ravenglass

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

" Ground " Sea Level 70 ft.

File No 814475/27

400

TL

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Copy to B.R.O.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
36	in	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·09	·14	·01	·07	—	—	·09	·67	·16	—	·44	·52		1
2	·01	—	—	—	—	—	—	·07	·33	—	·45	·13		2
3	·07	—	—	—	—	·07	·04	·03	·22	—	—	·03		3
4	·58	·03	·51	—	—	—	·08	·04	·32	—	·48	·12		4
5	·40	·07	·22	—	—	·09	—	·58	·19	—	·10	·26		5
6	·14	—	·01	—	·09	—	·56	·38	·72	—	·76	—		6
7	—	—	·16	—	—	—	—	—	·17	—	·56	·57		7
8	·20	—	·36	—	—	—	—	·20	—	—	·12	·01		8
9	·83	—	·05	—	—	·13	·01	·06	·47	—	·21	—		9
10	·23	—	—	—	—	—	·77	—	·09	—	·19	—		10
11	—	—	—	·02	—	·10	·10	·21	·25	—	·59	·73		11
12	—	—	—	—	—	·03	·11	—	·31	—	—	·11		12
13	—	—	—	·01	·02	·03	·07	·20	·04	·27	·30	1·20		13
14	—	—	—	·18	—	1·14	·01	·39	·05	·05	·23	·62		14
15	—	—	—	—	·18	·54	—	·04	—	—	·25	·32		15
16	—	·03	·14	—	·07	·19	·03	·01	—	·07	·76	—		16
17	·09	·71	—	·06	·19	·26	—	·09	—	·28	·11	·44		17
18	—	·76	—	·03	—	—	·24	·33	—	·91	—	·01		18
19	·63	·24	·02	—	—	·06	·26	·12	—	·02	—	·01		19
20	·19	·33	·14	—	—	·01	—	—	—	·11	—	·02		20
21	·11	·04	·09	—	—	·04	—	·03	—	·01	—	·17		21
22	·02	·06	·10	—	—	1·42	·20	—	—	·09	—	—		22
23	·07	·02	·06	·10	—	—	·77	—	—	·13	—	—		23
24	·04	—	—	·07	·34	—	·11	·01	·98	·35	·01			24
25	·17	·02	—	·12	—	—	·09	—	·09	·07	—	·07		25
26	·25	·08	·38	·10	—	—	—	—	·05	·28	—	—		26
27	·44	·02	·05	—	—	—	·01	—	—	·16	·02	—		27
28	·10	·03	·22	—	·03	·08	·05	—	—	—	·08	·04		28
29	·02	·02	·58	—	—	·70	·03	—	—	·27	·34	·02		29
30	·13	✕	·02	—	·03	·20	·63	·02	—	·14	·10	·08		30
31	·01	✕	·03	✕	—	✕	·03	·02	✕	·01	✕	·19		31
99 TOTAL	4·70	2·00	3·15	·70	·95	5·03	4·29	3·50	4·44	3·22	6·10	5·67	Year's Total 43·75	
* Days with .01 in. or more.	23	16	19	10	8	17	22	20	16	17	20	22	210	
* Days with .04 in. or more.	17	9	14	6	5	13	16	14	16	14	18	16	158	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) pp. Walter Marchant [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3650

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Ravenglass, The Grove

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

T. L

Copy by B.R.O. 400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
37	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·04	–	·58	·11	–	–	·09	–	·35	–	–	·03		1
2	·07	·44	·06	·05	–	·17	–	–	·08	·02	–	–		2
3	·06	·40	·04	·17	·04	·81	·35	–	–	–	–	·03		3
4	·20	·01	·02	·14	·12	·10	·01	·02	·28	–	·05	·74		4
5	·52	–	–	·18	–	·29	·41	–	–	–	–	·05		5
6	·02	–	–	·27	·32	·22	·07	–	·01	–	–	–		6
7	·01	·33	–	·06	–	–	–	–	·50	–	–	–		7
8	·01	·24	–	·18	–	·15	·29	·03	·11	–	–	–		8
9	–	·02	–	–	·03	–	·19	·12	·06	–	–	·02		9
10	–	·03	–	–	·05	·01	–	–	–	–	–	·50		10
11	–	–	·19	–	·01	·04	·07	–	–	–	–	–		11
12	1·20	·21	·20	–	–	·13	·15	·25	·36	–	–	·45		12
13	–	·24	–	·01	–	·02	–	1·31	·02	–	–	·08		13
14	–	·14	–	–	–	–	·49	·13	·29	·03	·01	·04		14
15	·45	·58	–	·45	–	–	–	–	·39	–	–	–		15
16	·02	·21	1·49	·15	–	–	–	·31	·03	–	–	–		16
17	·75	·16	·20	·06	–	–	–	·03	·05	–	–	–		17
18	–	·18	·08	–	–	–	–	·27	–	–	·50	–		18
19	·20	·05	–	·62	–	·03	–	–	–	–	·27	–		19
20	·23	·22	–	·02	·34	–	·39	–	–	–	·01	·12		20
21	·25	·11	–	·18	·08	–	·52	–	·04	·21	·07	·14		21
22	·07	–	·03	–	·52	–	·02	–	–	·06	·10	·28		22
23	·12	–	·11	–	·07	–	·09	–	·10	·93	–	·03		23
24	·19	·43	·14	–	·04	–	·02	·01	·29	·35	–	·13		24
25	·07	·72	–	–	–	–	–	·05	–	·23	–	·03		25
26	–	·36	·04	–	·11	–	–	–	–	·33	–	–		26
27	–	·24	–	·25	·04	–	·02	–	·01	·35	–	–		27
28	–	–	–	–	–	·07	–	–	–	·05	·03	–		28
29	–	X	–	–	–	·05	–	–	–	·11	·32	–		29
30	·20	✕	–	–	–	·25	–	·12	·31	·22	·13	–		30
31	·14	✕	–	✕	·03	✕	–	·38	✕	·07	✕	–		31
99 TOTAL	4·82	5·32	3·18	2·90	1·80	2·34	3·18	3·03	3·28	2·96	1·49	2·67	Year's Total 36·97	
* Days with .01 in. or more.	21	21	13	16	14	14	16	13	18	13	10	15	184	
* Days with .04 in. or more.	17	18	11	14	11	11	12	9	14	11	7	10	145	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 3650

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1050

REGISTER OF RAINFALL IN 1938

Kept at Ravenglass, The Grove

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 70 ft.

100

150

Copy by B.R.O.

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
38	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·09	—	—	—	·91	—	—	·13	·04	·10	·07		1
2	—	·03	—	·17	—	·39	·01	—	·12	·53	·07	·41		2
3	—	—	—	—	—	·20	·27	—	·16	1·48	·43	—		3
4	—	—	·02	·08	—	·17	—	—	·01	·09	·18	1·11		4
5	·03	·03	—	—	—	·12	—	—	·74	·12	—	·02		5
6	·33	·01	—	—	—	·42	·01	·02	·05	·50	·11	—		6
7	·13	—	—	—	—	—	·36	·07	—	·06	·08	·03		7
8	·18	·18	·03	—	—	—	·33	·24	—	·64	—	·06		8
9	·20	·17	—	—	—	·06	·20	·01	—	—	—	·46		9
10	·16	·03	·03	—	—	·02	·10	—	·01	—	—	·17		10
11	·24	·06	—	—	·59	·18	·15	·06	·10	·45	·34	·25		11
12	·35	—	—	—	·34	—	—	—	—	1·07	1·22	—		12
13	·03	—	—	—	·16	—	·59	—	·02	·02	·11	·07		13
14	·65	—	—	—	·15	—	—	—	—	·01	—	·03		14
15	·36	—	·27	—	·60	—	—	·90	—	·21	—	·41		15
16	·23	—	—	—	·30	—	·03	·14	·93	·35	·14	—		16
17	—	—	—	—	·27	—	·18	·36	·08	·79	·09	—		17
18	·10	—	·04	—	—	—	—	·34	—	·36	·66	—		18
19	—	—	·29	—	—	—	·08	·08	·04	·08	·47	—		19
20	·07	—	·71	—	—	—	·02	·09	·17	—	·07	—		20
21	—	—	—	—	—	—	—	·77	·08	·17	·97	—		21
22	—	—	—	—	·18	·10	—	—	—	·02	·49	—		22
23	·05	—	·03	—	·22	·39	—	·01	·17	—	·29	—		23
24	·13	·10	·11	—	·02	·15	·10	·01	·20	·35	·50	—		24
25	·02	·19	·06	—	·12	—	·86	—	—	·05	·26	·39		25
26	—	·40	·33	—	·32	·52	·10	—	·02	·20	·28	·17		26
27	·30	·25	—	—	·17	·14	·44	·37	—	—	·66	—		27
28	·12	·03	·05	—	·10	1·09	·23	·04	·04	·08	·02	·24		28
29	·03	X	—	—	·52	·05	1·70	—	·09	·41	·40	·35		29
30	·21	×	—	—	—	—	·40	—	—	·01	·20	·26		30
31	·19	×	—	×	·24	×	—	—	×	·39	×	·78		31
99 TOTAL	4·11	1·51	1·97	·25	4·30	4·91	6·16	3·51	3·16	8·48	8·14	5·28	Year's Total 57·84	✓
* Days with .01 in. or more.	22	13	12	2	16	16	20	16	19	26	24	18	204	✓
* Days with .04 in. or more.	18	8	8	2	15	15	16	12	15	22	213	15	169	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Walter Marchant Esq.

R.T.O.

3·99

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3650

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Ravenglass, The Grove

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 70 ft.

100 150

TL

Copy by B.R.O. 400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
39	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·13	—	·90	·09	—	—	·16	·01	·01	—	—	·23		1
2	—	—	·44	·07	—	—	·23	·17	·49	—	·02	·12		2
3	—	—	·17	·03	—	—	·03	·02	·19	—	·02	·28		3
4	—	·02	·38	—	·07	—	·28	—	—	·01	—	·11		4
5	—	·01	·01	—	·05	—	·48	—	—	·27	·50	—		5
6	·61	·39	—	—	·02	—	·51	·02	—	·02	·07	—		6
7	·27	·48	·07	—	—	—	·02	·02	·02	—	·10	·02		7
8	·84	1·30	·10	·73	—	—	·12	·03	—	·17	·08	·32		8
9	·15	·40	—	·01	—	—	—	·54	·23	·44	·02	·36		9
10	·11	·02	·01	—	—	·08	—	—	1·16	·70	·13	·25		10
11	—	·12	·36	—	—	·53	—	—	·01	·08	·01	—		11
12	·19	·23	—	·19	—	·03	·13	—	·16	—	—	—		12
13	—	—	·03	·25	·15	·08	·53	—	—	—	·17	—		13
14	·58	·01	·01	·02	·06	·67	·30	—	—	—	·30	—		14
15	·32	·01	·08	·37	—	·69	·20	—	—	—	·10	—		15
16	·11	·05	·01	·02	—	—	·38	—	—	—	·11	—		16
17	·28	·14	—	—	—	·40	·05	—	—	—	·05	—		17
18	·09	—	·20	—	—	·03	·15	—	—	—	·35	—		18
19	·14	—	·01	—	—	—	·21	—	—	—	—	—		19
20	·12	—	·01	—	—	—	·11	—	—	—	—	—		20
21	·12	·53	·17	·06	·07	—	—	·42	·04	·	—	—		21
22	·23	·38	·03	·08	—	—	·08	—	—	·08	·49	—		22
23	·17	·10	—	·23	—	·02	·06	—	—	·09	·10	·01		23
24	·11	·21	—	—	—	—	—	—	—	—	·05	—		24
25	·42	·01	—	·10	—	—	—	—	—	·	1·00	·01		25
26	—	—	—	—	·02	—	—	·20	—	·01	·01	—		26
27	—	·13	—	—	—	·51	·28	—	—	—	·05	—		27
28	—	·10	—	—	—	·53	·84	—	—	—	·54	—		28
29	—	X	·01	—	—	·14	·52	—	—	·10	·08	—		29
30	—	X	—	—	—	·07	·10	—	—	—	·30	—		30
31	—	X	—	X	—	X	·09	—	X	·	X	—		31
99 TOTAL	4·99	4·64	3·00	2·25	·44	3·78	5·86	1·43	2·31	1·97	4·65	1·71	Year's Total 37·03	✓
* Days with .01 in. or more.	19	20	19	14	7	13	24	9	9	11	24	10	179	✓
* Days with .04 in. or more.	19	14	10	10	5	10	22	4	6	8	19	7	134	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3650

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Ravenglass (The Grove)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 70 ft.

Copy by B.R.O.

april Dec. corr'd for arith circ sent 24/1/41

10

150

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
40	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	·22	-	·29	-	-	·07	-	-	-	·48	·12		1
2	-	·09	-	·11	-	-	·15	-	-	-	·75	·35		2
3	-	-	·02	·05	-	-	·15	-	-	·04	-	·30		3
4	-	·25	-	·02	-	-	·02	·08	·04	·09	-	·25		4
5	·05	·10	-	-	·13	-	-	·01	-	·75	·14	·32		5
6	·11	·05	-	·11	-	-	·20	·02	-	·65	-	·02		6
7	·01	·05	·01	·25	·18	-	-	·09	·17	·15	-	-		7
8	-	-	·12	-	-	-	·04	·07	-	·94	·35	·36		8
9	-	-	·64	·05	-	-	·88	·09	·30	·41	·42	·09		9
10	-	-	·16	-	-	-	·50	·05	-	·29	·17	·42		10
11	-	-	·59 ✓	·03	-	-	·66	-	·04	-	·76	-		11
12	-	-	·78	-	-	-	·15	·11	·38	-	·17	-		12
13	-	-	·04	-	-	-	·03	·04	·50	-	·04	·21		13
14	-	-	·02	·11	-	-	·24	·03	-	-	·18	·61		14
15	-	-	-	·08	·49	-	-	-	·03	·02	·34	·42		15
16	-	·01	·06	-	-	-	·20	-	1·63	·17	·02	·10		16
17	-	-	·23	-	-	-	·29	·02	·06	·03	-	·15		17
18	-	·04	·31	·01	-	-	·07	·38	·94	-	-	·43		18
19	-	·22	·15	·08	-	-	·18	-	·08	-	·72	-		19
20	-	·01	·27	·12	-	-	·02	·47	·07	·53	·16	-		20
21	-	-	·30	-	-	·38	·11	-	-	-	·05	-		21
22	-	·03	·09	·18	-	·03	-	·09	·36	-	-	-		22
23	-	·06	-	-	-	-	·15	-	·02	-	·35	-		23
24	·26	·03	-	-	·05	-	-	-	-	-	·01	-		24
25	1·47	-	-	-	-	·06	-	-	-	-	-	-		25
26	·08	·19	-	-	·50	·01	-	·03	-	-	·19	-		26
27	·20	·21	-	-	-	-	-	-	-	-	·05	-		27
28	·01	·04	·06	-	·02	-	-	·04	-	-	-	·15		28
29	-	-	·42	-	·04	·22	·18	-	-	·12	·03	·61		29
30	-		·06	·03	·06	-	-	-	-	·23	·05	·39		30
31	-		·34		-		-	·06		·40		-		31
99 TOTAL	219	1·60	4·67	1·52 [illegible]	1·50	·40	4·29	1·68	4·62	4·82	5·43	5·30 [illegible]	Year's Total 38·32	
* Days with .01 in. or more.	8	16	20	16	8	5	20	17	14	15	21	18	178	
* Days with .04 in. or more.	6	12	17	11	7	3	17	12	12	13	18	17	145	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Walter Marchant

[P.T.O.

3651

Section **A** for the entry of D

AIR MINISTRY.

Y FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

REGIST

3651

ESKDALE GATE HOUSE

1931 — 40

780704

Kept at Gatehouse

in the County of Cum

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Le

THE MORNING MEASU

An observer who does not conform to

year in the space on the right of th

owing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	·03	·10	·06	—	—	—	—	·13	1·00	—	·02	1
2	·01	·03	—	·14	·03	2·76	·12	—	1·44	·10	·36	1·17	2
3	—	—	—	—	—	·12	·05	—	·07	·29	1·98	·66	3
4	—	—	—	·25	·04	—	·01	—	—	·17	·11	·30	4
5	—	·03	—	—	·13	·40	—	—	—	·06	—	·74	5
6	—	·29	—	—	·13	·41	—	—	·16	1·48	·29	·02	6
7	—	—	—	—	—	·33	—	·37	—	·27	·06	·18	7
8	·24	·45	—	·31	·02	·06	·60	·02	—	·02	·13	·01	8
9	·08	·16	·02	·12	·29	·31	·52	·66	·01	·74	·58	·40	9
10	·29	·15	·01	—	·72	·26	·01	—	—	—	·44	·02	10
11	·74	·39	—	·05	—	—	·54	·02	·48	·10	·16	·04	11
12	·05	·08	·03	·04	—	·09	·18	·04	—	·09	·04	—	12
13	—	—	·39	·06	·13	·07	—	·05	—	—	·34	·05	13
14	·10	·44	·19	·02	—	·64	·50	·24	·07	—	·54	·10	14
15	·21	·22	—	·29	·03	2·58	·04	·05	—	—	—	·02	15
16	·24	·14	—	·30	·02	·11	·19	·86	·61	—	—	—	16
17	·02	·02	—	·21	—	·14	·65	·18	·01	—	·25	—	17
18	·77	—	—	·02	·24	·01	·25	·25	·01	·04	·43	—	18
19	·24	1·19	·14	—	·13	·17	—	1·10	·01	·03	·02	—	19
20	—	·10	·14	—	·02	·08	·42	·02	—	—	·19	—	20
21	·47	—	·60	—	—	·19	·28	·09	—	—	·02	—	21
22	·56	·12	·01	·26	·10	·44	—	—	—	—	·09	·06	22
23	·19	—	—	·31	·08	—	·15	—	—	—	·77	1·68	23
24	·04	1·77	—	·36	·24	—	—	—	—	—	·07	·07	24
25	·61	·20	—	·21	·20	·02	·05	—	—	—	·15	·18	25
26	·03	·02	—	·22	—	·04	·35	—	—	·05	1·06	·03	26
27	·41	·09	—	·10	—	—	·49	—	—	·20	·46	·15	27
28	·55	—	·03	·02	·24	—	·03	—	—	—	·02	·28	28
29	·22	—	—	—	·11	—	1·91	—	·02	·97	·08	—	29
30	·05	×	·01	—	—	—	·05	—	·13	—	—	—	30
31	·93	×	—	×	·04	×	·05	—	×	·49	×	·69	31
TOTAL	7·08	5·92	1·67	3·35	2·94	9·26	7·34	3·95	3·15	6·10	8·64	7·07	YEAR'S TOTAL 66·47
*Days with ·01 in. or more.	24	20	12	20	20	21	23	14	13	17	25	22	231.
*Days with ·04 in. or more.	20	15	6	17	15	19	20	11	8	15	22	16	184

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*See Instruction 2 (*f*) on other side.

(Signed) E. C. P. Hayes.

[P.T.O.

3651

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193/ .

Kept at Gatehouse Eskdale

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 12 in.

,, Ground ,, Sea Level 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·03	·03	·10	·06	—	—	—	—	·13	1·00	—	·02	1
2	·01	·03	—	·14	·03	2·76	·12	—	1·44	·10	·36	1·17	2
3	—	—	—	—	—	·12	·05	—	·07	·29	1·98	·66	3
4	—	—	—	·25	·04	—	·01	—	—	·17	·11	·30	4
5	—	·03	—	—	·13	·40	—	—	—	·06	—	·94	5
6	—	·29	—	—	·13	·41	—	—	·16	1·48	·29	·02	6
7	—	—	—	—	—	·33	—	·37	—	·27	·06	·18	7
8	·24	·45	—	·31	·02	·06	·60	·02	—	·02	·13	·01	8
9	·08	·16	·02	·12	·29	·31	·52	·66	·01	·74	·58	·40	9
10	·29	·15	·01	—	·72	·26	·01	—	—	—	·44	·02	10
11	·74	·39	—	·05	—	—	·54	·02	·48	·10	·16	·04	11
12	·05	·08	·03	·04	—	·09	·18	·04	—	·09	·04	—	12
13	—	—	·39	·06	·13	·07	—	·05	—	—	·34	·05	13
14	·10	·44	·19	·02	—	·64	·50	·24	·07	—	·54	·10	14
15	·21	·22	—	·29	·03	2·58	·04	·05	—	—	—	·02	15
16	·24	·14	—	·30	·02	·11	·19	·86	·61	—	—	—	16
17	·02	·02	—	·21	—	·14	·65	·18	·01	—	·25	—	17
18	·77	—	—	·02	·24	·01	·25	·25	·01	·04	·43	—	18
19	·24	1·19	·14	—	·13	·17	—	1·10	·01	·03	·02	—	19
20	—	·10	·14	—	·02	·08	·42	·02	—	—	·19	—	20
21	·47	—	·60	—	—	·19	·28	·09	—	—	·02	—	21
22	·56	·12	·01	·26	·10	·44	—	—	—	—	·09	·06	22
23	·19	—	—	·31	·08	—	·15	—	—	—	·77	1·68	23
24	·04	1·77	—	·36	·24	—	—	—	—	—	·07	·07	24
25	·61	·20	—	·21	·20	·02	·05	—	—	—	·15	·18	25
26	·03	·02	—	·22	—	·04	·35	—	—	·05	1·06	·03	26
27	·41	·09	—	·10	—	—	·49	—	—	·20	·46	·15	27
28	·55	—	·03	·02	·24	—	·03	—	—	—	·02	·28	28
29	·22	—	—	—	·11	—	1·91	—	·02	·97	·08	—	29
30	·05	×	·01	—	—	—	·05	—	·13	—	—	—	30
31	·93	×	—	×	·04	×	·05	—	×	·49	×	·69	31
TOTAL	7·08	5·92	1·67	3·35	2·94	9·26	7·34	3·95	3·15	6·10	8·64	7·07	YEAR'S TOTAL 66·47
*Days with ·01 in. or more.	24	20	12	20	20	21	23	14	13	17	25	22	231.
*Days with ·04 in. or more.	20	15	6	17	15	19	20	11	8	15	22	16	184

40-9999

(*Signed*) E. C. P. Hayes. [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations.

Station No. 3651

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Gatehouse Eskdale

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 12 in.

,, Ground ,, Sea Level 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·46	—	—	·41	·03	—	—	—	1·32	·38	·33	·64	1
2	·56	·10	—	·05	·33	—	·32	·32	·92	—	·28	·17	2
3	·03	·01	—	—	—	—	·23	·02	·18	—	·16	·29	3
4	·19	—	·01	—	—	—	·31	·05	·62	·15	—	·11	4
5	·40	—	·13	·15	·04	—	—	·03	·10	—	—	—	5
6	·53	—	·31	·12	—	—	—	·02	·03	·54	—	—	6
7	·03	—	·54	·17	—	—	—	·02	·27	·61	—	—	7
8	·11	—	—	·32	·05	—	·04	—	·85	·45	—	—	8
9	1·19	—	—	·33	·07	—	—	—	·35	·09	—	—	9
10	·11	—	—	·15	—	—	—	—	·84	·11	—	—	10
11	·12	—	—	·01	1·52	·01	1·01	·01	—	—	—	—	11
12	·33	—	—	—	1·51	—	1·63	·10	·01	·65	—	—	12
13	·04	·02	—	·30	·16	—	·21	·01	·37	·68	—	—	13
14	·34	—	—	·01	—	—	—	—	·06	—	—	·34	14
15	·31	—	—	—	·50	—	—	—	—	·41	—	·11	15
16	·74	—	—	—	—	—	—	·09	—	·52	—	2·10	16
17	·01	—	—	—	—	—	—	·19	·03	·47	—	·67	17
18	·04	—	—	·39	·30	—	·03	·01	·23	·09	—	·30	18
19	·01	—	·01	·14	·13	—	·25	—	—	·38	—	·24	19
20	·11	—	·18	·31	·02	—	·03	·90	—	·34	·11	·14	20
21	·18	—	·63	·29	—	—	·02	·15	—	·63	·35	·24	21
22	·03	—	·05	·06	—	—	·19	—	—	·40	1·12	·17	22
23	—	—	·01	·02	·03	—	·30	—	—	·22	·39	·20	23
24	·42	—	—	·20	·05	·07	—	—	·25	·02	·20	·20	24
25	—	—	—	—	·05	·13	·55	—	·66	·95	·37	—	25
26	—	—	—	—	·08	·04	·91	·08	·06	·63	·11	·09	26
27	—	—	·61	·40	—	·95	·03	—	—	·19	·04	·45	27
28	—	—	·14	·04	·20	·02	·20	·03	·08	·02	·07	·07	28
29	·02	—	1·59	·25	·07	·23	·98	·32	—	1·04	·41	·25	29
30	—	×	·13	·20	·02	1·27.	·25	·20	·15	·41	·28	—	30
31	·04	×	—	×	—	×	·01.	·61.	×	·22	×	·25	31
TOTAL	6·35	·13	4·34	4·32	5·16	2·72	7·50	3·16	7·41	10·60	4·22	7·03.	YEAR'S TOTAL 62·94
*Days with ·01 in. or more.	25	3	13	22	19	8	20	19	20	26	14	20	209
*Days with .04 in. or more.	19	1	10	19	15	6	15	11	17	24	14	20	171

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*See Instruction 2 (*f*) on other side,

(*Signed*) E. Haws

P.T O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3651

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION,

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Galehouse Eskdale

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·38	·11	·29	—	—	·16	—	·22	—	—	·62	—		1
2	·91	—	·08	·20	—	·60	—	·10	—	—	—	—		2
3	·09	1·29	·37	·12	·41	—	—	·01	—	—	—	—		3
4	·34	·28	·15	—	·32	—	—	—	—	—	·05	—		4
5	—	·18	·44	·04	·14	—	—	—	—	—	·03	—		5
6	·13	·22	·08	—	·53	—	—	—	—	—	—	—		6
7	—	·55	—	—	·06	—	·54	·13	—	·32	—	—		7
8	·29	·02	·80	·64	·23	·04	·24	·08	—	·03	—	—		8
9	—	·63	—	·01	·10	—	·83	—	—	·73	·16	—		9
10	·34	—	—	—	—	—	·24	—	—	·46	·22	—		10
11	—	—	—	—	·01	·05	·12	—	—	·55	—	·40		11
12	·30	·04	—	—	·02	—	·33	—	—	·02	—	·01		12
13	—	—	·11	·04	·18	—	·25	·27	—	·06	·60	—		13
14	·81	—	·07	—	—	—	·16	·12	—	—	1·25	—		14
15	·04	—	·24	·11	·03	—	·19	·22	—	·44	·12	—		15
16	—	·05	·53	·13	·37	·44	—	·10	—	·39	—	—		16
17	—	—	·33	·01	—	·69	·03	·16	·11	·10	·08	·01		17
18	—	—	·06	—	—	·20	·01	·14	—	—	·05	·08		18
19	—	—	·73	—	—	·15	—	—	·20	—	—	·01		19
20	—	·45	—	—	·30	·05	—	·39	·16	—	—	—		20
21	—	—	—	—	—	·28	—	·10	—	—	—	·03		21
22	—	—	—	—	·43	—	—	·05	·62	·11	—	—		22
23	—	—	—	·24	—	—	—	—	—	—	—	—		23
24	—	·15	—	·50	·42	·09	·22	·10	·03	—	—	·13		24
25	—	·89	—	·02	·02	—	·24	·15	·20	—	—	·11		25
26	—	1·08	—	·34	—	—	—	—	·09	—	—	·06		26
27	—	1·22	—	·02	·02	—	·16	—	—	·35	·01	·02		27
28	—	·15	—	·13	—	—	·08	1·63	—	·02	—	·08		28
29	—		·02	·23	—	—	·08	·05	—	·15	—	·14		29
30	·14	×	·03	—	—	—	·98	—	—	·22	—	—		30
31	·78	×	·15	×	—	×	·05	1·69	×	·22	×	—		31
TOTAL	4·55	6·31	3·78	2·78	3·59	2·75	4·75	5·71	1·41	4·17	3·19	1·08	Year's Total 44·07	
*Days with ·01 in. or more.	12	16	17	16	17	11	18	19	7	16	11	12	171	
*Days with .04 in. or more.	12	15	15	12	12	11	16	18	6	13	9	7	146	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Eric Hayes

[P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3651

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Gate House Eskdale

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·86	—	·47	—	·04	—	—	·33	—	—	—	·30		1
2	—	—	·13	—	—	—	—	1·26	·17	·01	·25	1·05		2
3	·85	—	—	—	—	—	—	—	·01	·43	·23	·18		3
4	·45	—	·10	—	·22	—	—	—	·13	·71	—	·61		4
5	·01	·04	·02	—	·63	—	—	·20	—	·10	—	·28		5
6	·39	·08	·20	·02	·54	·02	—	·02	·20	·45	—	·11		6
7	·02	·17	·08	·08	·12	—	—	—	·02	·14	·22	·34		7
8	·33	—	·17	—	1·24	—	—	·27	·17	·33	·04	·30		8
9	·25	·02	·09	·04	—	—	—	·31	·09	·53	·02	·13		9
10	·33	—	·21	—	—	—	—	·76	·27	·41	—	—		10
11	—	—	·21	·52	—	—	—	·26	·03	·23	—	·21		11
12	·40	—	·04	·49	—	—	—	·03	—	·12	—	·18		12
13	·15	—	—	·52	·05	·02	·22	—	—	·25	·02	·02		13
14	·25	—	·57	·11	·09	·17	—	—	—	·24	—	·65		14
15	·64	·01	·08	·09	1·12	·03	·21	·61	·43	·11	—	·36		15
16	·19	—	·88	—	·43	—	—	—	·08	·03	—	·08		16
17	·28	—	·34	·23	·25	—	·19	—	·39	·02	—	·55		17
18	—	—	·05	·24	·27	1·10	—	·19	·37	·02	—	·58		18
19	—	·02	·03	—	·32	·25	—	·30	·62	·74	·81	·07		19
20	—	—	—	·66	·50	·05	·02	·35	·03	·36	·14	·03		20
21	·04	·02	·06	—	·18	·45	—	·73	·25	·26	—	—		21
22	·20	—	·20	·07	·02	—	—	·12	·38	—	·28	·04		22
23	·01	—	·07	·77	—	—	·20	—	·03	·59	·18	·19		23
24	—	·26	·05	·01	·23	—	·32	—	·48	·57	·06	—		24
25	·22	—	·16	·29	·01	—	·37	—	·42	·77	·06	1·04		25
26	·08	—	·08	·03	—	·68	·22	—	·42	·37	—	·14		26
27	—	—	—	·01	—	·11	·50	·10	·02	·12	·13	·67		27
28	—	—	—	—	—	·01	·05	1·15	·19	·49	—	·38		28
29			—	—	—	—	·26	·03	·12	·25	—	·14		29
30	·42	×	—	—	—	—	·02	·33	1·43	·17	—	·34		30
31	·01	×	—	×	—	×	—	·25	×	·03	×	·51		31
TOTAL	6·38	·62	4·29	4·18	6·26	2·89	2·58	7·60	6·75	8·85	2·44	9·48	Year's Total 62·32?	
*Days with ·01 in. or more.	22	8	23.	17	18	11	12	20	25	29.	13	28	226	
*Days with ·04 in. or more.	18	4	21	13.	16	7	10	17	19	24	11	26	186	

[illegible] all very

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Eric Hayes.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3651

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Gale House Eskdale

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 0 ft 12 in.

,, Ground ,, Sea Level 250 ft.

1024/08} Totals

66·9

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	1·33	·34	·02	·04	—	—	07	—	1·47	·10	·06	·44		1
2	·08	·24	08	—	—	·08	·02	—	·08	·91	·24	·14		2
3	·14	·55	·20	·19	—	·04	·35	—	—	·05	·65	·24		3
4	—	·09	·06	·01	—	·17	·04	—	—	·07	—	·12		4
5	—	·28	·06	—	—	·01	·02	—	·02	—	·16	·10		5
6	·03	—	—	·03	—	·76	—	—	—	·01	·72	·01		6
7	—	—	—	·17	—	·10	—	—	—	1·09	·01	·42		7
8	—	—	—	·31	—	·20	—	·12	—	·20	·07	·62		8
9	·10	·04	—	·50	—	—	·12	—	—	1·07	·22	—		9
10	·24	1·05	—	·01	—	·27	·06	·10	—	—	·08	—		10
11	·45	·08	—	·02	—	·25	—	—	—	·37	·64	—		11
12	—	·38	—	—	—	·20	—	—	·27	·04	—	—		12
13	·17	·14	—	·27	·35	·03	—	—	·08	·26	·18	—		13
14	·02	·15	—	—	—	·05	—	—	·08	·04	·35	·17		14
15	·02	·65	—	·36	·38	·05	—	—	·30	·24	·30	—		15
16	·03	·36	—	·87	·13	·03	·03	·19	·75	—	·12	·08		16
17	—	—	·03	·20	—	·18	·01	·18	·12	·41	·03	—		17
18	—	·12	·04	—	·03	·02	·09	—	1·15	·20	32	—		18
19	—	·62	—	·13	—	·78	1·49	·16	·04	·13	·03	—		19
20	—	·50	·02	·67	—	·12	—	—	—	·02	—	—		20
21	—	·05	·25	·02	—	—	·03	—	1·16	·12	—	·20		21
22	—	·12	·03	·10	—	—	·10	—	·14	—	—	—		22
23	·08	·16	·29	·12	—	—	·01	·04	·19	·26	—	—		23
24	·66	·76	·06	—	—	—	—	—	·63	·03	—	·47		24
25	·28	—	—	—	—	16	—	·26	01	·12	·18	·04		25
26	—	·05	—	—	—	·17	·46	1·92	·29	80	—	·25		26
27	—	—	—	—	—	·24	61	·03	·24	86	1·01	·08		27
28	·07	·15	—	—	—	—	—	·26	·30	·92	·26	·03		28
29	—		—	—	—	·05	—	·73	1·02	·26	·12	·49		29
30	·12	×	—	—	—	·51	—	·20	·44	·21	·52	·04		30
31	·55	×	01	×	—	×	—	—	×	·03	×	·55		31
TOTAL	4·37	6·88	1·15	4·02	·89	4·97	3·51	4·19	8·78	8·82	6·27	4·48	Year's Total. 58·33	✓
* Days with .01 in. or more.	17	22	13	18	~~24~~	23	16	12	21	26	22	19	213	✓
* Days with .04 in. or more.	13	22	8	13	3	19	10	11	19	23	19	17	177	✓

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Eric Hayes

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** **for the entry of Daily Observations** **Station No.** 3651

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Gate House Eskdale

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 0 ft. 12 in.

,, Ground ,, Sea Level 250 ft.

np. 1935. bw.

X/Cumberland/3.

written 7/5/37

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15	·20	·03	—	—	—	·23	·93	·17	—	·72	·66		1
2	·04	—	—	—	—	·02	·01	·05	·34	—	·51	·33		2
3	·02	—	—	—	—	·17	·02	·05	·44	—	·02	·05		3
4	·50	·04	·58	—	—	—	·10	·08	·36	—	·70	·25		4
5	·45	·09	·30	—	—	·13	·01	·88	·40	—	·06	·65		5
6	·25	—	·03	—	·11	—	·63	·28	·60	—	1·03	—		6
7	·01	—	·30	—	—	—	—	—	·16	—	1·10	·63		7
8	·21	—	·38	—	—	—	—	·34	—	—	·25	—		8
9	1·19	—	·18	—	—	·20	·30	·12	·31	—	·28	·02		9
10	·36	—	—	—	—	—	·46	—	·04	—	·40	—		10
11	—	—	—	·04	—	·10	·19	·32	·24	—	·48	·58		11
12	·09	—	—	—	—	·04	·20	—	·34	—	·04	·03		12
13	—	—	—	—	·09	—	—	·08	·05	·54	·34	2·05		13
14	—	—	—	·11	—	1·28	—	·53	·04	·17	·24	·68		14
15	—	·24	—	—	·31	1·04	—	·02	—	·07	·25	·48		15
16	—	·74	·25	·02	·31	·27	·03	·03	—	·03	·91	·01		16
17	—	·35	·03	·05	·01	·15	·05	·05	—	·16	·24	·46		17
18	—	·36	—	—	—	—	·30	·43	—	1·16	—	·04		18
19	1·89	·48	·04	—	—	·06	·47	·05	—	·08	—	·04		19
20	·55	·28	·20	—	—	—	·02	—	—	·35	—	·05		20
21	·20	·09	·05	—	—	·09	—	—	—	·06	—	·25		21
22	·12	·39	·15	—	—	1·14	·39	·02	—	·06	—	·02		22
23	·05	·05	·14	·19	·01	·01	1·18	·03	—	·17	—	—		23
24	·07	—	—	·16	·26	—	·10	—	1·13	·54	·03	·08		24
25	·30	·05	—	·20	—	—	·27	—	·07	·10	—	·05		25
26	·52	·19	·15	·14	—	—	·03	—	·10	·57	—	—		26
27	·40	·05	·09	—	—	·30	—	—	—	·27	—	—		27
28	·12	·03	·30	·15	·11	·86	·05	—	—	·01	·15	·05		28
29	·02	·08	1·19	·02	—	·15	·05	—	—	·71	·50	·02		29
30	·15	✕	·04	—	·02	·01	1·11	·07	—	·15	·12	·10		30
31	·06	✕	·07	✕	—	✕	·05	·03	✕	·01	✕	·35		31
TOTAL	7·72	3·71	4·50	1·08	1·23.	6·02	6·25	4·39	4·79.	5·21	8·37	7·79.	Year's Total 61·06	
* Days with .01 in. or more.	24	17	20	10	9	18	24	20	16	19	21	25.	223	
* Days with .04 in. or more.	21	16	17	8	6	15	18	15	16	16	19	20	187	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Eric Hayes [P.T.O.

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Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 0 ft. 12 in.

,, Ground ,, Sea Level 250 ft.

1935 } up low
1936 }

918137/29

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·03	·02	·46	—	—	—	·30	—	·35	·15	—	·28		1
2	·15	·58	·21	·12	—	·31	·02	—	·07	—	·01	·01		2
3	·11	·39	·03	·05	·06	1·30	·38	—	—	—	—	·05		3
4	·36	·02	·07	·18	·15	·31	·10	—	·77	—	—	·45		4
5	·79	·01	·01	·10	·01	·52	·55	·03	·63	—	—	·02		5
6	·01	·29	—	·13	·44	·43	·24	—	—	—	—	—		6
7	·02	·33	—	·34	—	—	·22	—	—	—	—	—		7
8	·02	·04	—	·06	—	—	·31	·04	·06	—	—	—		8
9	—	—	—	·47	·06	·10	·05	·33	—	—	—	—		9
10	·01	·10	—	·01	—	·02	—	—	—	—	—	·63		10
11	·02	—	—	—	—	·01	·02	—	—	—	—	—		11
12	1·12	·30	·35	—	·02	·12	·26	·37	·51	—	—	·65		12
13	·12	·53	·27	·01	—	·07	·02	·84	·02	·01	—	·45		13
14	·01	·25	—	·01	—	—	·32	·10	·38	·05	·02	·09		14
15	1·24	·58	·01	·61	—	—	·01	—	·66	—	—	—		15
16	·08	·31	—	·10	—	—	—	·26	·04	—	—	—		16
17	1·15	·20	1·03	·14	—	—	—	·03	—	—	—	—		17
18	—	·44	·23	·01	—	—	·02	·33	—	—	—	—		18
19	·18	·21	·06	·72	—	·03	·53	·02	·01	·25	·28	—		19
20	·48	·19	—	·42	—	·10	·33	—	·04	·15	·14	·15		20
21	·57	·17	·03	—	·40	—	·15	—	—	1·03	·03	·13		21
22	·17	·01	·10	·02	·79	—	·14	—	—	·50	·09	·32		22
23	·37	—	·21	·01	·05	—	·03	—	·54	·10	·05	·14		23
24	·32	·52	·01	—	·04	—	·01	·04	·58	·35	·02	·15		24
25	·02	1·01	·02	—	—	—	·01	·05	—	·15	—	·09		25
26	—	·52	—	—	·20	—	·02	—	·01	·36	—	·02		26
27	—	—	—	·18	·06	—	—	—	·03	·41	—	·02		27
28	·01	·35	—	—	·01	·15	—	—	—	·15	·03	—		28
29	—		—	—	—	·15	—	—	—	·09	·44	—		29
30	·21	✕	—	—	—	·58	—	·22	·24	·18	·24	·02		30
31	·11	✕	—	✕	·06	✕	—	·56	✕	·09	✕	→		31
TOTAL	7·68	7·39	3·10	3·69	2·35	4·20	2·04	3·22	4·94	4·02	1·35	4·17	Year's Total 48·15	up low
* Days with .01 in. or more.	26	24	16	20	14	15	23	14	17	16	11	18	214	56
* Days with .04 in. or more.	17	·20	·10	·14	·11	·12	·14	·11	·13	·15	6	·13	156	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Louie Hayes. [P.T.O.

ESKDALE GREEN (GATEHO[illegible])

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·14	·01	—	—	1·10	—	—	·12	·20	·15	·26		1
2	—	·12	—	·49	—	·45	·07	—	·21	1·24	·10	·55		2
3	—	—	—	·01	—	·26	·14	—	·45	1·83	·48	—		3
4	·01	·02	·03	·32	—	·18	—	·01	—	·18	·21	1·06		4
5	·06	·03	—	·02	—	·10	—	—	1·10	·43	—	·04		5
6	·25	—	—	·03	—	·47	·12	·03	·15	·83	·15	—		6
7	·25	—	—	—	—	·01	·54	—	—	·08	·15	·05		7
8	·45	·41	·64	—	—	—	·30	·68	—	·71	·14	1·28		8
9	·32	·30	·03	—	·01	·15	—	—	—	·14	—	—		9
10	·07	·04	·09	—	—	—	·42	—	·05	·61	·01	·30		10
11	·26	·15	·01	—	·50	·23	·10	—	·19	1·27	·51	·29		11
12	·35	—	—	—	·09	—	·01	—	·04	—	1·36	·05		12
13	—	—	—	—	·37	—	1·14	—	·05	·02	·17	·10		13
14	·06	—	—	—	·28	·01	—	—	—	·04	·01	·05		14
15	1·10	—	·59	—	·74	—	·04	·94	·05	·37	—	1·08		15
16	·04	—	·03	—	·30	—	·04	·19	1·20	·51	·10	·05		16
17	·41	—	·02	—	·80	—	·46	·54	·17	·82	·13	—		17
18	·29	—	·05	—	·01	·07	·01	·52	·03	·40	·65	—		18
19	·02	—	·46	—	—	·02	—	·25	·08	·03	·33	—		19
20	·21	—	·63	—	—	·04	·40	·90	·23	—	—	—		20
21	·01	—	·03	—	·01	—	—	·01	·14	—	·75	—		21
22	·15	—	—	·01	·16	·15	—	·01	—	·02	1·02	—		22
23	·01	—	—	—	·77	·34	—	·01	·18	·02	·33	—		23
24	·18	·07	—	—	—	·28	·04	—	·16	·35	·44	—		24
25	·18	·23	·08	—	·41	·03	1·05	—	—	·08	·25	·47		25
26	·04	·33	·38	—	·22	1·02	·10	—	·01	·40	·15	·25		26
27	·09	·34	·01	—	·49	·10	·99	·44	—	·01	·62	·01		27
28	·61	·25	·13	—	·06	1·09	·27	·05	·05	·05	·03	·31		28
29	·18	—	·02	—	·70	·02	2·85	—	·08	·36	·65	·50		29
30	·12	✕	—	—	·01	·01	·38	—	—	·03	·30	·30		30
31	·23	✕	—	✕	·36	✕	—	—	✕	·56	✕	·98		31
TOTAL	5·95	2·43	2·64	·88	6·35	6·13.	9·41	4·58	4·74	11·59	9·29.	7·97	Year's Total 71·96	✓
* Days with .01 in. or more.	27	13	18	6	19	22	21	14	21	28	26	20	235	✓
* Days with .04 in. or more.	23	11	9	2	15	16	19	9	19	22	23	19.	187	✓

GB 17/3/39

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Eric Hayes

XMR E HAYES X

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3651.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Gale House Eskdale

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 250 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·28	—	·80	·21	—	—	·37	·10	—	—	—	·70		1
2	—	—	·48	·10	—	—	·25	·78	·64	—	—	·52		2
3	—	—	·20	—	—	—	·15	—	·32	—	—	·49		3
4	—	—	·21	—	·34	—	·30	—	—	—	·12	—		4
5	—	·08	·01	—	—	—	—	—	—	·40	·90	—		5
6	·73	·37	·08	—	—	—	·15	·01	—	—	·40	—		6
7	·76	·56	·14	—	—	—	·04	·07	·02	—	·15	·07		7
8	1·27	1·25	·21	1·87	—	—	·24	·15	·05	·12	—	·20		8
9	·21	·65	—	—	—	·01	—	·61	·42	·52	·11	·25		9
10	·22	·07	—	—	—	·15	—	·28	1·26	·72	·10	·36		10
11	·05	·21	·50	—	—	·35	—	·18	—	·05	—	·01		11
12	·19	·22	—	·20	—	—	·28	—	·20	—	—	—		12
13	—	·03	·06	·34	·19	·10	·30	·04	—	·02	·35	—		13
14	·82	·05	—	·06	·15	·90	·58	·01	—	—	·32	—		14
15	·56	·05	·10	·76.	—	—	·06	·01	—	—	·30	—		15
16	—	·08	—	—	—	—	·55	—	—	—	—	—		16
17	·30	·23	—	·05	—	·40	·25	—	—	—	·02	—		17
18	·19	·35	·31	—	—	·10	·92	—	—	—	·63	—		18
19	·17	—	·03	—	—	—	·45	·02	—	—	·03	—		19
20	·08	·01	·08	—	—	—	·16	·07	—	—	—	—		20
21	·14	·95	·51	·10	—	—	·04	·29	·03	—	·01	—		21
22	·65	·45	—	·33	—	—	·06	—	—	·16	·75	—		22
23	·04	·37	·50	·25	·05	·17	·28	—	—	·11	·32	—		23
24	·49	·28	·10	—	—	—	—	—	—	—	·08	—		24
25	—	·01	—	·14	—	—	—	—	—	—	1·33	02.		25
26	·28	·18	—	—	·09	—	—	·30	—	·12	·05	—		26
27	—	·21	—	—	—	·52	·36	·01	—	—	·34	—		27
28	—	·22	—	—	—	·70	1·23	—	—	·01	·88	—		28
29	—	—	—	—	—	·20	·58	·12	—	·19	·29	—		29
30	—	✕	—	—	—	—	·30	—	—	—	·37	—		30
31	—	✕	—	✕	—	✕	·24	—	✕	—	✕	—		31
TOTAL	7·43	6·88	4·32	4·41.	·82.	3·60	8·14	3·05	2·94	2·42	7·85	2·62.	Year's Total 54·48	n.p.
* Days with .01 in. or more.	19	23	17	12	5	11	24	17	8	11	22	9	178	late
* Days with .04 in. or more.	19	20	15	12	5	10	24	12.	6	9	19	7.	158.	

† Spare column, no entries required.

(*Signed*) Eric Hayes

* See Instruction 3 (f) on other side.

[P.T.O.

ESKDALE GREEN (GATEHOUSE) COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3651.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~4~~40.

Kept at Gate House Eskdale

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 250 ft.

Jan cord for arith. Jan & Feb appotioned & Jan pt esta for snow.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	—	—	—	—	—	—	—	—	—	—	·35		1
2	—	—	—	·31	—	—	—	—	—	—	·55	·45		2
3	—	·10 ~~·50~~ ✓	·04	·10	—	—	—	—	—	—	·61	·37		3
4	—	— ✓	—	·50	·15	—	—	—	·11	·18	·22	—		4
5	—	—	—	·26	—	—	·34	·05	—	·01	—	·67		5
6	·19	·30 ✓	—	—	·25	—	·34	·05	—	—	—	—		6
7	·09	·05	·06	—	—	—	·01	·17	·24	·80	—	·23		7
8	—	—	·30	—	—	—	—	·27	·09	2·00	·55	·52		8
9	—	—	1·27	—	—	—	1·20	·17	·64	·70	·49	·47		9
10	—	—	·21	—	—	—	·62	·10	—	—	—	—		10
11	—	—	·15	—	—	—	·72	—	·63	·42	·54	—		11
12	—	—	2·02	—	—	—	·11	—	1·02	—	·74	—		12
13	—	—	·12	—	—	·04	·05	—	·72	·01	·11	·10		13
14	—	—	·04	·16	·62	—	—	·17	·07	—	—	·35		14
15	—	—	·04	·15	—	—	—	—	·05	—	—	·28		15
16	—	—	·25	—	—	—	·24	—	2·25	·38	—	—		16
17	—	—	·05	—	—	—	·48	·05	·05	—	—	—		17
18	—	—	·25	·05	—	—	·14	·59	·72	—	—	·70		18
19	—	·20	·50	—	—	—	—	—	·15	—	·45	—		19
20	—	·01	·08	·07	—	—	·03	·07	—	·51	—	—		20
21	—	—	·40	·28	—	—	—	·75	·14	—	·07	—		21
22	—	—	·14	—	·05	—	—	·15	·43	—	·02	—		22
23	—	·04	·28	·34	—	·54	·12	—	—	—	·37	—		23
24	1·22	·20	—	—	·02	·05	·01	·05	—	—	·02	—		24
25	·02	·04	—	·05	·48	—	—	·02	—	—	·02	·01		25
26	— ✓	·25	—	—	·01	·07	·01	·10	·01	—	·30	—		26
27	— ✓	·22	—	·05	—	—	—	—	—	—	—	—		27
28	— (1·00)	—	·14	—	·11	—	—	—	—	—	—	·52		28
29			·51	—	—	·23	·35	—	—	·05	—	1·17		29
30	—	X	·21	—	—	—	—	·02	—	·22	·11	·58		30 Part cwt
31	✓	X	·51	X	·10	X	—	·12	X	·42	X	—		31
TOTAL	2·52 ~~·62~~	1·41 ~~1·81~~	7·57	2·32	1·79	·92	4·77	2·90	7·32	6·70	5·17	7·77	Year's Total ~~49·66~~	51·16
* Days with .01 in. or more.	~~7~~	~~10 11~~	~~22~~	~~12~~	~~9~~	~~5~~	~~16~~	~~17~~	~~16~~	~~12~~	~~16~~	~~15~~	~~154~~	~~156~~ d
* Days with .04 in. or more.	~~3~~ 6	~~8~~ 10	22	12	7	5	12	15	15	10	13	14	~~143~~	147

† Spare column, no entries required.

* See Instruction 3 (f) on other side. MR ERIC HAYES

(Signed) Eric Hayes [P.T.O.

3652

Section **A** for the entry of

AIR MINISTRY

FORM 1090.

REGIST

3652

ESKDALE VICARAGE

1931 — 34

780704

PY FOR OFFICIAL USE.

ORGANIZATION.

1.

Kept at Beckfoot (Eskd

in the County of Cumbe

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea l

THE MORNING MEASU

An observer who does not conform to
year in the space on the right of th

llowing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	*Date*
	in.	in.	in.								in.	in.	
1	·04	·01	·03	·13	·02	tr	·13	tr	·17	1·18	—	·01	1
2	tr	·05	—	·17	·03	2·24	·03	—	1·05	·09	·54	1·34	2
3	—	—	—	·01	—	·10	1·45	—	·17	·28	2·12	·72	3
4	—	—	—	·29	·04	—	·02	—	·01	·24	·13	·31	4
5	—	·15	—	—	·18	·16	—	—	—	·08	·01	1·00	5
6	—	·19	—	—	·11	·81	·01	—	·25	·86	·18	—	6
7	—	·21	tr	—	·01	·38	—	·32	—	·68	·05	·19	7
8	·23	·68	·01	·25	tr	·12	·62	·01	·01	·01	·17	tr	8
9	·10	·20	·04	·09	·39	·28	·46	·06	—	·75	·64	·53	9
10	·90	·16	—	·01	·59	·45	·01	·75	—	—	·74	·02	10
11	·54	·50	—	·09	—	·23	·64	tr	·44	·10	·23	·03	11
12	·03	·09	·01	·06	—	—	·32	·02	—	·07	·04	·05	12
13	—	—	·45	·08	·09	·16	·13	·03	—	—	·41	·19	13
14	·25	·38	·14	·01	tr	2·06	·21	·21	·06	—	·70	·02	14
15	·26	·25	—	·29	·05	·67	·35	·04	—	—	—	—	15
16	·28	·22	—	·41	—	·12	·19	1·14	·70	—	—	—	16
17	·02	·03	—	·19	·13	·09	·97	·22	·12	—	·44	—	17
18	1·00	·42	—	·02	·05	·10	·20	·32	·01	·02	·80	—	18
19	·32	·60	·13	—	—	—	·03	1·06	—	·02	·02	—	19
20	—	tr	·09	—	—	·28	—	tr	—	—	·19	—	20
21	·54	·10	·64	·04	·09	·09	·36	·09	—	—	tr	—	21
22	·69	·15	—	·31	tr	·27	·30	—	—	—	·16	·04	22
23	·20	·02	—	·40	·34	·57	—	—	—	—	1·46	2·00	23
24	·04	1·92	—	·28	·16	—	·14	—	—	—	·11	·07	24
25	·71	·34	—	·18	tr	—	·01	—	—	tr	·29	·04	25
26	·02	·01	—	·22	—	·02	·23	—	—	·05	·97	·19	26
27	·22	·15	·02	·09	tr	·05	·51	—	—	·20	·62	·12	27
28	—	·06	·01	·04	·27	—	·04	—	—	—	·01	—	28
29	—	×	·02	—	·18	—	1·88	—	·01	1·15	·13	—	29
30	·04	×	—	·01	—	tr	·06	—	·19	—	—	—	30
31	2·46	×	—	×	·12	×	·10	—	×	·52	×	·89	31 75·21
TOTAL	8·89	6·88	1·59	3·67	2·85	9·25	9·40	4·27	3·19	6·30	11·16	7·76	YEAR'S TOTAL ~~75·83~~
*Days with ·01 in. or more.	21	24	12	24	18	21	27	13	13	17	25	19	234
*Days with ·04 in. or more.	18	20	6	19	15	20	21	10	9	14	22	15	189

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Monica Berry.

[P.T.O.

3652

Section **A** for the entry of PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Beckfoot (Eskdale Vicarage)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 0 ft 8 ins

,, Ground ,, Sea Level 169 approx ft.

Station No. 3652

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·04	·01	·03	·13	·02	tr	·13	tr	·17	1·18	—	·01	1
2	tr	·05	—	·17	·03	2·24	·03	—	1·05	·09	·54	1·34	2
3	—	—	—	·01	—	·10	1·45	—	·17	·28	2·12	·72	3
4	—	—	—	·29	·04	—	·02	—	·01	·24	·13	·31	4
5	—	·15	—	—	·18	·16	—	—	—	·08	·01	1·00	5
6	—	·19	—	—	·11	·81	·01	—	·25	·86	·18	—	6
7	—	·21	tr	—	·01	·38	—	·32	—	·68	·05	·19	7
8	·23	·68	·01	·25	tr	·12	·62	·01	·01	·01	·17	tr	8
9	·10	·20	·04	·09	·39	·28	·46	·06	—	·75	·64	·53	9
10	·90	·16	—	·01	·59	·45	·01	·75	—	—	·74	·02	10
11	·54	·50	—	·09	—	·23	·64	tr	·44	·10	·23	·03	11
12	·03	·09	·01	·06	—	—	·32	·02	—	·07	·04	·05	12
13	—	—	·45	·08	·09	·16	·13	·03	—	—	·41	·19	13
14	·25	·38	·14	·01	tr	2·06	·21	·21	·06	—	·70	·02	14
15	·26	·25	—	·29	·05	·67	·35	·04	—	—	—	—	15
16	·28	·22	—	·41	—	·12	·19	1·14	·70	—	—	—	16
17	·02	·03	—	·19	·13	·09	·97	·22	·12	—	·44	—	17
18	1·00	·42	—	·02	·05	·10	·20	·32	·01	·02	·80	—	18
19	·32	·60	·13	—	—	—	·03	1·06	—	·02	·02	—	19
20	—	tr	·09	—	—	·28	—	tr	—	—	·19	—	20
21	·54	·10	·64	·04	·09	·09	·36	·09	—	—	tr	—	21
22	·69	·15	—	·31	tr	·27	·30	—	—	—	·16	·04	22
23	·20	·02	—	·40	·34	·57	—	—	—	—	1·46	2·00	23
24	·04	1·92	—	·28	·16	—	·14	—	—	—	·11	·07	24
25	·71	·34	—	·18	tr	—	·01	—	—	tr	·29	·04	25
26	·02	·01	—	·22	—	·02	·23	—	—	·05	·97	·19	26
27	·22	·15	·02	·09	tr	·05	·51	—	—	·20	·62	·12	27
28	—	·06	·01	·04	·27	—	·04	—	—	—	·01	—	28
29	—	×	·02	—	·18	—	1·88	—	·01	1·15	·13	—	29
30	·04	×	—	·01	—	tr	·06	—	·19	—	—	—	30
31	2·46	×	—	×	·12	×	·10	—	×	·52	×	·89	31 75·21
TOTAL	8·89	6·88	1·59	3·67	2·85	9·25	9·40	4·27	3·19	6·30	11·16	7·76	YEAR'S TOTAL ~~75·83~~
*Days with ·01 in. or more.	21	24	12	24	18	21	27	13	13	17	25	19	234
*Days with ·04 in. or more.	18	20	6	19	15	20	21	10	9	14	22	15	189

40-9999

(Signed) Monica Berry.

[P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3652

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Beckfoot (Eskdale Vicarage)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ....ft ....in.

„ Ground „ Sea Level 169 approx ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

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Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·62	·01	—	·69	tr	—	·12	tr	1·65	·34	·36	·78	1
2	·86	—	—	—	·66	—	·22	·32	1·03	—	·31	·17	2
3	·05	—	—	—	—	—	·32	·07	·23	—	·14	·05	3
4	·43	tr	·01	—	·01	—	·53	·03	—	tr	—	·34	4
5	·16	—	·15	·21	·03	—	—	·04	·62	·14	—	—	5
6	·65	—	·34	·21	·01	—	tr	tr	·13	·72	tr	—	6
7	·14	—	·59	·19	·03	tr	tr	—	·34	·87	—	—	7
8	·01	—	—	·32	·01	—	·08	·01	·52	·39	—	—	8
9	1·91	—	tr	·25	·02	—	tr	—	tr	·13	—	—	9
10	·66	tr	—	·19	·18	—	—	tr	1·44	·08	—	—	10
11	·24	—	—	tr	1·29	tr	1·00	tr	tr	tr	—	—	11
12	·04	—	—	—	1·42	—	1·82	·06	·57	·59	—	—	12
13	·05	·01	tr	·47	·24	—	tr	·02	·11	·88	—	—	13
14	·28	—	—	—	—	—	tr	—	—	tr	tr	·30	14
15	·52	—	—	—	·39	—	tr	—	—	·18	·01	·30	15
16	·71	—	—	—	tr	—	tr	·08	—	·87	—	·05	16
17	—	—	—	—	—	—	·03	·27	·05	·35	—	1·97	17
18	·04	—	—	—	·57	—	·02	tr	—	·09	—	·56	18
19	—	—	tr	·43	·22	—	·30	—	—	·40	tr	·42	19
20	·12	—	·19	·22	·02	—	·02	·64	—	·35	·12	·29	20
21	·21	—	·69	·16	—	—	·05	·09	—	·99	·40	·14	21
22	·05	—	·06	·31	—	—	·17	—	—	·16	·95	·09	22
23	·43	tr	·06	·11	·11	—	·34	—	—	·16	·26	1·02	23
24	·04	—	·02	tr	tr	·10	·10	—	·29	·01	·47	·45	24
25	—	—	—	·21	·08	·16	·31	—	·60	1·05	·09	—	25
26	—	—	—	—	·04	·03	·97	·09	·05	·40	·35	·05	26
27	—	—	·67	·56	—	1·03	·17	—	—	·09	·02	·36	27
28	—	—	·14	·04	·20	·04	·30	·05	—	·03	·14	·32	28
29	—	—	1·71	·21	—	·32	·87	·28	·11	1·25	·38	·10	29
30	—	×	·18	·26	·08	1·41	·15	·20	·05	·18	·12	tr	30
31	·04	×	—	×	—	×	tr	·43	×	·59	×	·35	31
TOTAL	8·26	·02	4·81	5·04	5·61	3·09	7·89	2·68	7·79	11·29	4·12	8·11	YEAR'S TOTAL 68·71
*Days with ·01 in. or more.	23	2	13	18	20	7	21	16	16	26	15	20	197
*Days with .04 in. or more.	22	0	11	18	12	6	18	13	16	24	13	20	173

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*See Instruction 2 (*f*) on other side.

(*Signed*) Monica Berry.

P.T.O.

3652

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3652

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Beckfoot (Eskdale Vicarage) Boot.
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ~ ft 10 in.
,, Ground ,, Sea Level 169 approx ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·62	tr	·28	—	—	·22	—	·26	tr	—	·61	—		1
2	1·38	·37	·13	·24	—	·65	—	·08	—	—	·02	—		2
3	·15	1·76	·31	·20	·45	—	—	—	—	—	tr	—		3
4	1·59	·30	·14	—	·45	—	—	—	—	—	·06	—		4
5	·20	·09	·78	·07	·09	—	—	—	—	—	·02	—		5
6	tr	·05	·08	—	·63	—	—	—	—	—	—	—		6
7	·33	·20	tr	—	·06	—	·67	·15	—	·47	—	—		7
8	·12	·62	·98	·73	·20	·17	·14	·10	—	·03	·15	—		8
9	tr	·77	—	·01	·10	—	·80	—	—	·75	·33	tr		9
10	·44	—	—	—	tr	·07	·23	—	—	·51	·02	—		10
11	—	—	—	·04	—	—	·10	—	—	·52	—	·20		11
12	·29	·05	—	·10	tr	—	·31	—	—	·03	·01	·24		12
13	—	—	·27	—	·16	—	·37	·31	—	·05	·76	—		13
14	·78	tr	·08	—	—	—	·20	·11	—	tr	1·53	—		14
15	·01	tr	·08	—	·05	·05	·04	·33	—	—	·15	—		15
16	tr	·02	·70	·13	·36	·40	—	·10	—	·56	tr	—		16
17	tr	·05	·14	—	tr	·74	·03	·22	·20	·43	·10	—		17
18	—	—	·11	—	—	·27	—	·06	—	—	·09	·11		18
19	—	tr	·69	·01	—	—	—	—	·13	—	·28	—		19
20	—	—	—	·01	·37	·19	·03	·43	·03	tr	tr	—		20
21	—	—	—	—	—	·15	—	·14	—	·03	—	—		21
22	—	—	—	—	·61	·20	—	·11	·26	·05	—	—		22
23	—	·38	—	·29	·39	—	—	—	tr	tr	tr	·04		23
24	—	·15	—	·61	tr	·08	·22	·08	·06	·01	tr	·22		24
25	—	2·23	—	·01	·63	·02	·33	·15	·30	—	—	·16		25
26	—	1·38	—	·37	tr	—	tr	—	·05	·41	—	·02		26
27	—	·24	—	·03	·08	—	·07	·02	—	·04	—	·02		27
28	—	·09	tr	—	—	—	·09	1·50	—	·11	—	—		28
29	tr	X	·04	·22	—	—	·08	·07	—	·01	—	·12		29
30	·12	X	·03	·63	—	tr	1·17	—	—	·21	—	·24		30
31	·82	X	·16	X	—	X	·08	·86	X	·26	X	·29	Year's Total	31
TOTAL	6·85	8·75	5·00	3·70	4·63	3·21	4·96	5·08	1·03	4·48	4·13	1·66	53·48	
*Days with ·01 in. or more.	13	17	17	17	15	13	18	19	7	18	14	11	179	
*Days with ·04 in. or more.	12	16	16	12	15	12	16	18	6	13	10	9	155	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Monica Berry.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No.** 3652

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934

Kept at Beckfoot (Eskdale Vicarage)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 145 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·61	—	·33	—	·04	—	—	·32	·03	—	·02	·53		1
2	tr	—	·20	—	—	—	—	1·33	·23	·01	·48	1·02		2
3	·77	—	tr	—	—	—	—	·01	·01	·53	·21	·46		3
4	·46	—	·12	·02	·18	—	—	·01	·03	·81	tr	·76		4
5	tr	·07	·02	—	·74	—	—	·27	—	·10	—	·23		5
6	·23	·05	·16	·01	·85	·01	—	·03	·29	·57	—	·08		6
7	·44	·17	·10	·11	·12	tr	—	—	—	·13	·18	·52		7
8	tr	tr	·16	—	·85	—	—	·23	·22	·35	·04	·43		8
9	·38	·03	·13	tr	tr	—	—	·31	·13	·62	·04	·08		9
10	·40	tr	·28	·16	—	—	—	·64	·27	·63	·01	·01		10
11	·60	—	·42	·65	—	—	—	·33	·05	·30	tr	·36		11
12	tr	—	tr	·55	—	tr	—	·03	—	·19	—	·18		12
13	·56	—	·04	·48	·05	—	·12	—	—	·36	tr	·02		13
14	·21	—	·87	·17	·09	·12	—	—	—	·35	—	·65		14
15	·35	—	·11	·09	1·22	·03	·14	·69	·54	·16	—	·40		15
16	·77	—	1·08	·01	·11	—	·01	—	·11	·03	—	·13		16
17	·21	—	·48	·22	·27	—	·23	—	·30	·03	tr	1·03		17
18	·27	—	·07	·26	·26	·12	tr	·21	·34	·03	—	·69		18
19	—	·01	·03	—	·36	·23	tr	·35	·51	·99	·91	·10		19
20	—	tr	—	·63	·59	·06	·01	·34	·04	·57	·06	·04		20
21	·17	tr	·12	·01	·26	·42	—	·89	·31	40 ~~·04~~	·09	tr		21
22	—	—	·10	·02	—	—	—	·19	·48	·11	·57	·06		22
23	·28	—	·14	·87	·01	—	·11	·03	tr	·49	·15	·25		23
24	—	·23	·09	·13	·21	·02	·28	—	·59	·65	·07	tr		24
25	·29	—	·16	·18	·01	—	·56	—	·58	1·11	·13	1·14		25
26	·10	—	·04	·02	—	·55	·24	—	·43	·29	·01	·16		26
27	—	—	·05	·01	tr	·16	·65	·11	·08	·12	·14	·78		27
28	—	—	—	—	—	tr	·03	1·40	·17	·84	—	·55		28
29	tr	—	—	—	—	—	·28	·01	·13	·27	tr	·20		29
30	·39	✕	tr	—	—	—	·02	·52	1·48	·29	—	·45		30
31	—	✕	—	✕	—	✕	—	·29	✕	tr	✕	·40		31
TOTAL	7·49	·56	5·30	4·60	6·22	2·72	2·68	8·54	7·35	11·33	3·11	11·71	Year's Total. 71·61	
* Days with .01 in. or more.	19	6	24	20	18	10	13	23	24	29	16	29	231	
* Days with .04 in. or more.	19	4	22	13	16	7	9	17	21	25	13	27	193	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) Monica Berry.

[P.T.O.

3652/5 —

NETHERWASDALE

GALESYKE

1937-40

3652/5

Section **A** for the entry
AIR MINIS

Station No. 36

AINFALL ORGANIZATION.

FORM 1090.

REG 1937.

Kept at Galesy

in the County of ....

Diameter of Funnel of Gauge.

Height of top of Gauge abov

,, Ground ,,

8091/34.

THE MORNING MEA 780704 **DAY.**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following
✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1			0·57				0·35	—	0·38	0·15	—	—		1
2			1·05				0·01	—	—	—	—	~~0·07~~		2
3			1·30				0·47	—	—	—	—	0·07		3
4			0·99				0·03	0·01	0·88	—	0·02	0·63		4
5			0·73				0·54	—	0·53	—	—	0·41		5
6			—				0·18	—	0·06	—	—	—		6
7			—				—	—	trace	—	—	—		7
8			—				0·31	0·02	0·05	—	—	—		8
9			—				0·27	0·68	0·18	—	—	—		9
10			—				—	—	—	—	—	0·43		10
11			—				0·02	—	—	—	—	0·08		11
12							0·26	1·10	0·47	0·01	—	0·41		12
13							—	0·79	trace	0·04	—	0·31		13
14							0·42	0·09	0·30	0·06	0·01	0·17		14
15							—	—	0·46	—	—	0·02		15
16							—	0·29	—	—	—	—		16
17							—	—	0·04	—	—	—		17
18							0·05	0·23	—	—	0·34	—		18
19							—	0·02	—	—	0·12	—		19
20							0·62	—	Trace	—	0·08	0·11		20
21							0·42	—	—	0·20	0·08	0·15		21
22							0·11	—	—	0·13	0·10	0·32		22
23							0·08	—	0·83	1·04	—	0·09		23
24							0·02	0·04	0·30	0·31	0·01	0·12		24
25							—	0·03	—	0·17	0·01	0·06		25
26							—	—	—	0·32	—	0·02		26
27							0·03	—	0·02	0·40	0·03	0·02		27
28							—	—	—	0·07	0·58	—		28
29							—	—	—	0·16	0·18	—		29
30		☒					—	0·06	0·35	0·20	0·11	—		30
31		☒		☒		☒	—	0·82	☒	0·08	☒	—		31
TOTAL							4·24	4·18	5·25	3·40	1·67	3·42	Year's Total 28·16	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John Marshall Sewell. [P.T.O.

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3652/5

Section **A** for the entry of Daily Observations. Station No. 36

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Galesyke Netherwasdale
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 180 ft.

f 358091/34

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1			0·57				0·35	—	0·38	0·15	—	—		1
2			1·05				0·01	—	—	—	—	~~0·07~~		2
3			1·30				0·47	—	—	—	—	0·07		3
4			0·99				0·03	0·01	0·88	—	0·02	0·63		4
5			0·73				0·54	—	0·53	—	—	0·41		5
6			—				0·18	—	0·06	—	—	—		6
7			—				—	—	trace	—	—	—		7
8			—				0·34	0·02	0·05	—	—	—		8
9			—				0·29	0·68	0·18	—	—	—		9
10			—				—	—	—	—	—	0·43		10
11			—				0·02	—	—	—	—	0·08		11
12							0·26	1·10	0·47	0·01	—	0·41		12
13							—	0·79	trace	0·04	—	0·31		13
14							0·42	0·09	0·30	0·06	0·01	0·17		14
15							—	—	0·46	—	—	0·02		15
16							—	0·29	—	—	—	—		16
17							—	—	0·04	—	—	—		17
18							0·05	0·23	—	—	0·34	—		18
19							—	0·02	—	—	0·12	—		19
20							0·62	—	Trace	—	0·08	0·11		20
21							0·42	—	—	0·20	0·08	0·15		21
22							0·11	—	—	0·13	0·10	0·32		22
23							0·08	—	0·83	1·04	—	0·09		23
24							0·02	0·04	0·30	0·37	0·01	0·12		24
25							—	0·03	—	0·17	0·01	0·06		25
26							—	—	—	0·32	—	0·02		26
27							0·03	—	0·02	0·40	0·03	0·02		27
28							—	—	—	0·07	0·58	—		28
29							—	—	—	0·16	0·18	—		29
30		✕					—	0·06	0·35	0·20	0·11	—		30
31		✕		✕		✕	—	0·82	✕	0·08	✕	—		31
TOTAL							4·24	4·18	5·25	3·40	1·67	3·42	Year's Total ~~22·16~~	✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required

(*Signed*) John: Marshall Sewell.

[P.T.O.

N.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3652/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Galesyke

in the County of Cumberland /3

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 180 ft.

358091/34

Cump 1937

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	0·18	—	0·62	—	1·58	—	—	—	—	0·11	0·11		1
2	—	0·28	—	—	—	0·81	0·02	—	0·23	1·73	0·15	1·55		2
3	—	0·06	—	0·53	—	0·33	0·19	—	0·23	1·42	0·50	1·05		3
4	trace	—	0·01	—	—	0·19	—	—	—	0·18	0·92	—		4
5	0·06	0·04	—	0·02	—	0·11	0·18	—	0·88	—	0·02	0·09		5
6	0·29	0·02	—	0·02	—	0·53	1·06	0·05	0·10	1·41	0·12	—		6
7	0·20	trace	—	—	—	—	0·31	0·15	—	0·13	0·13	0·03		7
8	0·34	0·35	0·03	—	—	—	0·51	0·11	—	0·91	0·20	0·08		8
9	0·32	0·27	0·05	—	—	0·18	0·26	0·04	—	—	—	0·61		9
10	0·08	0·02	0·10	—	—	—	0·40	—	0·02	—	—	0·25		10
11	0·37	0·13	—	—	0·76	0·23	0·10	0·09	0·17	0·65	0·40	0·23		11
12	0·34	—	—	—	0·40	—	0·04	—	0·04	1·39	1·47	0·02		12
13	trace	—	—	—	0·25	—	1·30	—	0·04	0·01	0·12	0·05		13
14	[illegible]	—	—	—	0·16	—	—	—	—	—	trace	0·05		14
15	0·40	—	0·58	—	0·76	—	0·03	0·83	0·23	0·53	—	0·59		15
16	0·27	—	0·02	—	0·35	—	0·02	0·17	0·24	0·61	0·14	trace		16
17	0·01	—	0·01	—	0·85	—	0·68	0·62	0·20	0·30	0·14	—		17
18	0·23	—	0·04	—	—	0·04	—	0·55	0·01	0·36	0·70	—		18
19	trace	—	0·50	—	—	0·03	0·14	0·38	0·10	0·09	0·25	—		19×
20	0·11	—	0·78	—	—	0·04	0·02	0·23	0·38	—	0·07	—		20
21	—	—	0·01	0·01	—	—	—	0·57	0·07	0·06	0·73	—		21
22	—	—	—	—	0·19	—	—	—	—	0·01	0·67	—		22
23	0·22	—	0·07	—	0·42	0·47	—	0·05	0·16	—	0·37	—		23
24	0·19	0·10	0·33	—	—	0·20	0·06	0·03	0·16	0·34	0·45	—		24
25	0·01	0·27	0·09	—	0·25	0·64	1·22	—	—	0·15	0·26	0·50		25
26	0·11	0·45	0·36	—	0·38	0·90	0·10	—	—	0·50	0·17	0·20		26
27	0·75	0·31	0·01	—	0·34	0·10	0·64	0·43	—	trace	0·75	—		27
28	0·31	0·05	0·21	—	0·06	1·23	0·35	—	0·03	0·04	0·06	0·70		28
29	0·07	—	0·04	—	0·46	0·02	3·20	—	0·07	0·45	0·22	0·30		29
30	0·37		—	—	0·01	—	0·33	—	0·15	—	0·33	0·85		30
31	0·22		0·01		0·32		—	—		0·55		1·03		31
TOTAL	5·90	2·49	3·95	1·20	6·01	7·06	10·48	4·24	4·31	12·60	8·75	6·69	Year's Total 72·98	
* Days with .01 in. or more.	23	14	19	5	16	18	23	15	20	22	26	19	220	
* Days with .04 in. or more.	21	11	12	2	15	16	19	14	16	20	25	17	188	

Print GB 3/5/39

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John Marshall Sewell [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3652/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at [illegible]

in the County of Cumberland /3

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 180 ft.

Total Days

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·45	—	0·95	0·12	—	—	0·36	0·16	—	—	—	0·66		1
2	—	—	0·43	0·08	—	—	0·27	0·76	0·36	—	Trace	0·28		2
3	—	—	0·20	trace	—	—	0·02	0·61	0·41	—	0·06	0·45		3
4	—	0·05	0·35	—	0·04	—	0·26	—	—	—	—	0·14		4
5	—	0·04	trace	—	0·20	—	0·63	—	—	0·30	0·63	trace		5
6	0·46	0·42	0·03	—	—	—	0·66	—	—	—	0·19	—		6
7	0·93	0·44	0·16	—	—	—	0·08	0·18	0·03	—	0·13	0·13		7
8	1·07	1·59	0·27	2·18	—	—	0·27	—	0·09	0·08	0·11	0·18		8
9	0·32	0·79	—	trace	—	—	0·01	0·63	0·56	0·42	0·21	0·34		9
10	0·10	0·04	0·02	—	—	0·05	—	0·49	1·34	0·64	1·20	0·27		10
11	0·02	0·19	0·74	—	—	0·41	—	0·07	trace	0·03	—	—		11
12	0·11	0·23	—	0·23	—	0·03	0·34	—	0·24	—	—	—		12
13	0·01	—	0·06	0·35	0·15	0·07	0·80	—	trace	0·03	0·38	—		13
14	0·53	0·06	0·01	0·08	0·22	0·95	0·35	—	—	0·11	0·20	—		14
15	0·43	0·02	0·08	0·77	0·01	0·76	0·74	0·01	—	—	0·39	—		15
16	0·15	0·03	0·02	trace	—	—	0·67	—	—	—	0·09	—		16
17	0·38	0·21	—	—	—	0·47	0·06	—	—	—	0·07	—		17
18	0·01	0·39	0·27	—	—	0·03	0·03	—	—	—	0·66	—		18
19	0·19	—	—	—	—	—	0·32	0·04	—	—	0·03	—		19
20	0·14	—	0·08	—	—	0·07	0·13	0·27	—	—	—	—		20
21	0·11	0·50	0·50	0·24	0·13	—	—	—	—	—	—	—		21
22	0·32	0·45	0·03	0·22	—	—	0·12	—	—	0·26	0·85	—		22
23	0·44	0·19	trace	0·23	—	0·16	0·45	—	—	0·08	0·18	—		23
24	—	0·29	0·09	—	—	—	—	—	—	0·01	0·06	trace		24
25	0·74	0·03	—	0·03	—	0·18	—	—	—	—	1·23	—		25
26	—	—	—	—	0·04	—	—	0·44	—	0·10	0·02	—		26
27	—	0·04	—	—	—	0·62	0·60	—	—	0·01	0·36	—		27
28	—	0·18	0·07	0·08	—	0·67	1·27	—	—	—	0·78	—		28
29	—		0·04	—	—	0·21	0·44	0·35	—	0·17	0·15	—		29
30	—	✕	—	—	—	0·06	0·31	—	—	trace	0·32	—		30
31	—	✕	—	✕	—	✕	0·16	—	✕	—	✕	—		31
TOTAL	6·29	6·01	4·40	4·59	·79	4·69	9·35	3·41	3·03	9·23	7·31	2·45	Year's Total 54·55	
* Days with .01 in. or more.	20	21	20	12	7	15	25	12	7	13	23	8	183	
* Days with .04 in. or more.	17	18	15	11	6	13	22	10	6	8	20	8	164	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3652/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~39~~40

Kept at Galesyke Netherwasdale

in the County of Cumberland 3

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ....ft....in.

,, Ground ,, Sea Level 180 ft.

Days
Totals
A's

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. ✓

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	—	—	0·19	—	—	0·04	—	—	—	0·56	0·26		1
2	—	—	—	0·21	—	—	0·40	—	—	—	0·67	0·39		2
3	—	0·33	trace	0·02	—	—	0·17	—	—	0·09	—	0·24		3
4	—	0·10	trace	—	—	—	0·07	0·12	0·07	0·42	—	0·54		4
5	—	0·03	—	—	0·19	—	0·01	—	—	1·14	0·09	0·74		5
6	0·04	—	—	0·17	—	—	0·44	0·03	—	0·67	—	0·10		6
7	0·14	—	0·03	0·34	0·17	—	—	0·11	0·25	0·04	—	—		7
8	—	—	0·31	—	—	—	0·40	0·76	0·09	1·62	0·41	0·48		8
9	—	—	1·50	—	—	—	1·15	0·25	0·94	0·99	0·57	0·19		9
10	—	—	0·19	—	—	—	0·63	0·18	—	0·22	0·29	0·51		10
11	—	—	1·63	0·26	—	—	0·80	—	0·37	—	0·69	—		11
12	—	—	1·12	—	—	trace	0·04	0·19	0·91	—	0·49	—		12
13	—	—	0·04	0·01	—	—	0·04	0·43	0·05	—	0·20	0·32		13
14	—	—	0·04	0·20	—	—	0·21	0·21	0·07	trace	0·14	0·52		14
15	—	—	0·04	0·10	0·55	—	—	—	—	0·03	0·14	0·28		15
16	—	—	0·02	—	—	—	0·20	0·01	2·59	0·25	0·10	0·18		16
17	—	—	0·31	—	—	—	0·64	0·04	0·18	—	—	0·14		17
18	—	—	0·46	0·01	—	—	x	0·57	0·92	—	—	0·87		18
19	—	0·18	0·35	0·16	—	—	✓	0·11	0·25	—	0·62	—		19
20	—	—	0·35	0·10	—	—	—	0·71	0·87	0·58	0·12	—		20
21	—	—	0·38	0·03	—	0·83	-	0·01	trace	—	0·05	—		21
22	—	0·04	0·14	—	—	0·09	-	0·16	0·37	—	—	—		22
23	—	0·15	0·09	0·23	0·04	—	x 0·65	—	0·13	—	0·20	—		23
24	1·91	0·04	—	0·02	0·01	—	-	0·02	—	—	0·91	0·02		24
25	—	—	—	trace	0·42	0·13	-	0·21	—	—	0·14	—		25
26	0·47	0·34	0·07	—	0·02	0·04	x	0·09	0·02	—	0·32	—		26
27	—	0·16	—	0·35	0·76	—	—	—	0·01	—	0·03	—		27
28	—	0·05	0·10	—	—	—	—	0·23	—	—	—	0·79		28
29	—	—	0·36	0·08	—	0·29	0·36	—	—	0·44	0·02	1·30		29
30	—	✕	0·08	0·01	0·06	0·02	trace	—	—	0·01	0·05	0·62		30
31	0·46	✕	0·48	✕	0·03	✕	6	0·19	✕	0·58	✕	—		31
TOTAL	3·02	1·42	8·09	2·49	2·25	1·43	6·55	3·57	8·01	6·61	5·82	8·53	Year's Total 57·79	
* Days with ·01 in. or more.	5	10	22	18	10	6	20	21	17	14	22	19	183	
* Days with ·04 in. or more.	4	9	20	12	7	5	18	16	15	13	18	18	155	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

P.T.O.

FORM 1090, **B** Month
Summ

3653

BRAYSTONES
1931 —— 40

780704

3653.

, The following register of monthly
&c., is NOT required if daily or
values are given on the other side

also the space for

should be sent:—

RAINFALL IN 1931

At Braystones
In the County of Cumberla
Rain Gauge
Diameter of Funnel 10
Height of Top above Ground 3 *ft* 6
Height of Ground above Sea Level 3

Summer
Direction from
gauge
Direction from
gauge

Heighces ..
Dist tions from
auge ..
Dire

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3·44				
FEB.	3·01				
MAR.	1·24				
APRIL	1·81				
MAY	2·52				
JUNE	5·43				
JULY	5·35				
AUG.	3·64				
SEPT.	2·32				
OCT.	2·70				
NOV.	7·57				
DEC.	4·01				
Total	43·04				

Signature H. H. Watson F.C.S.

*See Instruction 2 (*f*) below.

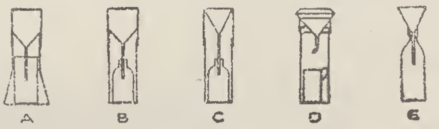
uge has been moved during the year state—

If g of move Distance Direction

Date ndicate pattern of gauge in use by deleting those sketches of cross sections of s which do not represent it. If the pattern is different from any of these please a sketch of it. (Good gauges to use are those marked A and B.)

gaug f the gauge is of a self-registering or self-recording type please give particulars.

mak



f you know of any record of rainfall not quoted in **British Rainfall**, please the observer's name and address:—

give

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

n giving particulars of falls of unusual intensity it is desirable that answers e following questions be supplied:—

to t (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
2 JAN 1932

B INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3653.

FORM 1090. **B** Monthly Summary.

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Braystones

In the County of Cumberland

Rain Gauge

Diameter of Funnel 10 in.

Height of Top above Ground 3 *ft.* 6 *in.*

Height of Ground above Sea Level 36 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3·44				
FEB.	3·01				
MAR.	1·24				
APRIL	1·81				
MAY	2·52				
JUNE	5·43				
JULY	5·35				
AUG.	3·64				
SEPT.	2·32				
OCT.	2·70				
NOV.	7·57				
DEC.	4·01				
Total	43·04				

Signature H. H. Watson F.C.S.

*See Instruction 2 (*f*) below.

Ever y observer is requested to fill in this section and also the space for notes as far as possible:—

, and Address to which any inquiry relating to this register should be sent:—

Nam ....

....

Hou of observation by the clock—in Winter.......... in Summer..........

Near st Railway Station.......... Distance.......... Direction from gauge ....

Near st Parish Church at.......... Distance.......... Direction from gauge ....

Near e of objects rest to gauge				
Natu neats of objects				
Heig nces ..				
Dist ations from auge ..				
Dire				

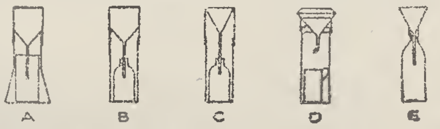
uge has been moved during the year state—

If g of move.......... Distance.......... Direction..........

Date ndicate pattern of gauge in use by deleting those sketches of cross sections of s which do not represent it. If the pattern is different from any of these please a sketch of it. (Good gauges to use are those marked A and B.)

gaug f the gauge is of a self-registering or self-recording type please give particulars.

make



f you know of any record of rainfall not quoted in **British Rainfall**, please the observer's name and address:—

give ....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

n giving particulars of falls of unusual intensity it is desirable that answers e following questions be supplied:—

to t (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
2 JAN 1932

B INSTRUCTIONS.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3653

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Braystones

In the County of Cumberland

Rain Gauge

Diameter of Funnel ten in.

Height of Top above Ground 3 *ft.* 6 *in.*

Height of Ground above Sea Level 36 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4.21				
FEB.	0.06				
MAR.	3.53				
APRIL	3.06				
MAY	3.36				
JUNE	1.46				
JULY	5.03				
AUG.	3.46				
SEPT.	4.33				
OCT.	8.02				
NOV.	2.21				
DEC.	7.24				
Total	45.97				

Signature H. H. Watson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

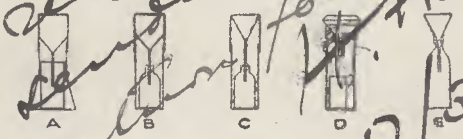
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state:—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches or cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



No change of any kind.
[illegible] the delay [illegible] this
9 weeks [illegible] in [illegible] for 1932 H. H. W.
Feb. 7/32

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

The rainfall in 1932 was 2.23 inches more than in 1931 and 8.23 above the average of 69 years.

H. H. W.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3653

B.R. Form B1.

METEOROLOGICAL OFFICE.
BRITISH RAINFALL ORGANIZATION.

To be filled and returned to
THE SUPERINTENDENT,
BRITISH RAINFALL ORGANIZATION.
62, CAMDEN SQUARE, LONDON, N.W.1.
Copies of this form will be supplied with pleasure.

RAINFALL IN 1933

NOTE.--Records taken in millimetres should not be entered on this form

At BRAYSTONES

In the County of Cumberland

Rain Gauge — Diameter of Funnel 10 in.

Height of Top — *Above Ground* 3 ft. 6 in.

Height of Top — *Above Sea Level* 36 ft

PLEASE FILL IN

Month.	Total Depth. Inches	Greatest Fall in 24 hours. Inches	Greatest Fall in 24 hours. Date.	Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
JAN.	3·18				
FEB.	3·93				
MAR.	3·01				
APR.	1·85				
MAY	3·06				
JUNE	2·02				
JULY	3·04				
AUG.	2·82				
SEPT.	2·51				
OCT.	2·68				
NOV.	2·31				
DEC.	1·11				
Total	31·52				

Signed H. H. Watson

Titles F.C.S

[*Please fill in the other side also.*

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
19 JAN 1934

D INSTRUCTIONS.

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2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3653.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Braystones

in the County of Cumberland

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 3 ft ...... in.

,, Ground ,, Sea Level 36 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30		×												30
31		×		×		×			×		×			31
													Year's Total	
TOTAL	4·96	0·28	2·29	2·35	3·01	2·18	0·98	3·20	4·26	5·45	1·22	6·22	36·40 ✓	
*Days with ·01 in. or more.														
*Days with .04 in. or more.														

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ......

[P.T.O.

H. Hough Watson Esq, Travelling Forms.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3653

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Braystones
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level 36 ft.

dups

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·39	0·21	—	—	0·06	—	0·06	—	0·98	0·09	0·11	0·20		1
2	—	0·09	—	—	—	0·14	0·01	—	0·06	0·71	0·24	0·21		2
3	0·02	0·27	0·18	—	—	0·06	—	—	—	0·06	0·28	0·04		3
4	—	0·05	0·05	—	—	0·14	—	—	0·08	0·05	—	0·32		4
5	—	0·15	0·09	—	—	0·02	—	—	—	—	0·19	0·02		5
6	0·03	—	—	0·01	—	0·28	—	—	—	0·02	0·17	0·02		6
7	—	—	—	0·12	—	0·11	—	—	—	0·88	—	0·40		7
8	—	—	—	0·13	—	0·17	—	0·11	—	0·02	0·01	0·38		8
9	0·06	—	—	0·51	—	0·03	0·21	—	—	0·84	0·08	—		9
10	0·04	0·36	—	0·01	—	0·25	0·01	—	—	0·03	—	—		10
11	0·36	0·01	—	—	—	0·26	—	0·17	—	0·25	0·17	—		11
12	0·01	0·20	—	—	—	0·08	—	—	0·13	0·03	0·06	—		12
13	0·13	0·04	—	0·11	0·27	0·14	0·10	—	0·10	0·12	0·30	—		13
14	—	—	—	0·03	—	—	0·02	—	0·08	—	0·24	0·25		14
15	—	0·27	—	0·40	0·41	—	—	—	0·11	0·15	0·16	0·05		15
16	—	0·34	0·02	0·52	0·10	—	0·12	0·06	0·40	—	0·27	—		16
17	—	—	—	0·15	—	0·21	—	0·04	—	—	0·24	—		17
18	—	0·13	0·05	—	0·10	—	0·08	—	1·15	0·25	—	—		18
19	—	0·43	—	0·12	0·02	0·70	1·00	0·02	—	0·11	0·05	—		19
20	—	0·26	0·01	0·35	—	0·09	0·06	—	—	—	0·01	—		20
21	—	0·02	0·18	0·01	—	—	—	—	0·74	—	—	0·21		21
22	—	0·16	0·10	—	—	—	—	—	0·07	—	—	—		22
23	0·03	0·30	0·12	0·04	—	—	—	0·02	0·13	0·35	—	—		23
24	0·34	0·32	0·19	—	—	—	—	—	0·95	0·08	—	0·10		24
25	0·17	—	0·06	—	—	0·20	—	0·18	—	0·06	0·11	0·02		25
26	—	0·01	—	—	—	—	0·08	1·18	0·43	0·43	—	0·20		26
27	—	0·09	—	—	—	0·17	0·21	—	0·21	0·25	0·59	0·01		27
28	0·04	0·14	—	—	—	—	—	0·15	0·18	0·50	0·07	—		28
29	—		0·18	—	—	0·25	—	0·29	0·86	0·15	0·09	0·13		29
30	0·11	×	—	—	—	0·38	—	0·25	0·49	0·31	0·33	0·02		30
31	0·18	×	—	×	—	×	—	0·05	×	0·03	×	0·26		31
TOTAL	1·91	3·85	1·23	2·51	0·96	3·68	1·96	2·52	7·15	5·77	3·77	2·84	Year's Total. 38·15	
* Days with .01 in. or more.	~~4~~ 14	~~7~~ 21	~~7~~ 12	~~4~~ 14	X6	~~7~~ 20	~~3~~ 12	~~2~~ 12	+ 18	~~5~~ 24	~~2~~ 21	18 ~~5~~	192	
* Days with .04 in. or more.	10	18	10	10	5	18	9	10	18	19	19	13	159	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) H. Hough Watson

[P.T.O.

51 Travelling Forms

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3653

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1000.

REGISTER OF RAINFALL IN 1936.

Kept at Braystones

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 36 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0·11	0·21	—	—	—	0·02	0·02	0·64	0·16	—	0·43	0·42		1
2	0·05	—	—	—	—	—	—	0·12	0·52	—	0·39	0·18		2
3	—	—	—	—	—	0·03	—	0·13	0·02	—	0·09	0·12		3
4	0·49	—	0·52	—	—	—	0·15	0·12	0·18	—	0·54	0·15		4
5	0·19	0·04	0·22	—	0·04	0·06	—	0·40	0·25	—	0·62	0·30		5
6	0·16	—	—	—	0·06	—	0·40	0·23	0·86	—	0·48	—		6
7	—	—	0·12	—	—	—	0·02	—	0·04	—	0·41	0·46		7
8	0·15	—	0·29	—	—	—	—	0·30	—	—	0·06	—		8
9	0·42	—	0·04	—	—	—	—	0·05	0·51	—	0·12	—		9
10	0·21	—	—	—	—	0·08	0·09	—	0·01	—	0·20	—		10
11	—	—	—	—	—	0·07	0·05	0·20	0·19	—	0·17	1·01		11
12	—	—	—	—	—	0·05	0·08	—	0·23	—	0·03	—		12
13	—	—	—	0·06	0·06	—	0·05	0·29	0·08	0·25	0·22	1·41		13
14	—	—	—	0·10	—	1·17	—	0·19	0·06	—	0·14	0·46		14
15	—	—	—	—	0·19	0·74	—	0·03	—	0·04	0·07	0·33		15
16	—	—	0·12	0·02	0·20	0·27	0·05	0·06	—	0·05	0·69	0·14		16
17	0·03	0·29	—	—	0·10	0·14	0·02	0·02	—	0·04	0·07	0·37		17
18	—	0·10	—	—	—	—	0·16	0·39	—	0·15	—	—		18
19	0·35	0·25	0·03	—	—	0·16	0·48	0·10	—	0·40	—	—		19
20	0·31	0·30	0·47	0·02	—	—	0·05	0·02	—	0·01	—	0·06		20
21	0·09	0·15	0·05	—	—	0·05	—	0·02	—	0·17	—	0·20		21
22	0·02	0·13	0·11	—	—	0·90	0·25	0·01	—	0·08	—	0·01		22
23	0·03	—	0·02	0·10	0·02	0·02	0·32	—	—	0·09	—	—		23
24	0·02	—	—	0·06	0·38	—	0·19	0·03	—	0·17	—	—		24
25	0·25	0·03	—	0·06	—	—	0·11	—	0·75	0·11	—	0·05		25
26	0·12	0·01	0·08	0·05	—	—	0·02	—	0·28	0·33	0·03	—		26
27	0·35	0·01	0·10	—	—	—	—	—	0·02	0·28	—	—		27
28	0·12	0·12	0·13	—	0·02	0·05	0·16	—	—	0·06	0·11	0·06		28
29	—	0·17	0·28	0·08	0·05	0·85	0·03	—	—	0·32	0·06	0·01		29
30	0·08	×	—	—	0·02	0·03	0·56	0·02	0·01	0·13	0·09	0·08		30
31	0·02	×	0·05	×	—	×	0·01	0·01	×	—	×	0·28		31
TOTAL	3·57	1·81	2·63	0·55	1·14	4·69	3·27	3·38	4·17	2·68	5·02	6·10	Year's Total. 39·01	
* Days with .01 in. or more.	21 15	13	16 2	9 2	11 3	4 17	22 6	22 8	17 4	17	21	20	206 42	
* Days with .04 in. or more.	16	10	14	7	8	13	16	14	13	16	19	18	164	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) H. Hong Lhwatson

[P.T.O.

51 Travelling Forms H Hough Watson Esq

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3653

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Braystones

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·02	—	0·21	—	—	—	0·08	—	0·72	0·31	—	0·16		1
2	0·04	0·47	0·05	0·12	—	0·25	0·01	—	—	—	—	—		2
3	0·13	0·55	0·01	0·06	0·03	0·49	1·01	—	—	—	—	0·13		3
4	0·12	—	—	0·19	0·06	0·10	0·07	—	0·44	—	0·02	0·50		4
5	0·50	—	0·02	0·17	0·05	0·23	0·48	—	0·24	—	—	—		5
6	—	0·02	—	0·23	0·29	0·25	0·07	—	0·04	—	—	—		6
7	0·01	0·14	—	0·11	—	0·12	—	—	—	—	—	—		7
8	0·02	0·34	—	0·05	—	0·08	0·66	0·02	0·01	—	—	—		8
9	—	0·03	—	—	0·05	—	0·20	0·45	—	—	—	—		9
10	0·02	0·03	—	—	0·05	0·04	—	—	—	—	—	—		10
11	0·11	—	—	0·01	—	—	0·05	—	0·02	—	—	—		11
12	1·26	0·21	0·09	—	0·05	0·12	0·11	0·42	0·51	0·01	—	0·35		12
13	0·02	0·25	—	0·07	—	0·01	—	2·05	0·03	—	—	0·08		13
14	—	0·08	—	0·55	—	—	0·28	0·13	0·10	—	—	0·95		14
15	0·31	0·62	—	0·21	—	—	—	—	0·28	—	—	0·07		15
16	—	0·15	0·36	0·11	—	—	—	0·37	0·03	—	—	—		16
17	0·19	0·23	0·20	—	—	—	—	0·03	0·01	—	—	—		17
18	—	0·08	0·08	0·88	0·40	—	0·07	—	—	—	—	—		18
19	0·10	0·12	—	0·07	—	0·03	—	0·09	—	—	0·04	—		19
20	0·15	0·25	—	0·16	0·36	—	1·04	—	—	0·04	0·49	0·08		20
21	0·18	0·11	—	—	0·04	—	0·21	—	—	0·10	0·02	0·22		21
22	0·26	—	0·04	—	0·02	—	0·12	—	—	0·33	0·12	0·36		22
23	—	—	0·12	—	0·04	—	0·06	—	0·05	1·08	—	0·09		23
24	0·13	0·08	—	—	0·17	—	—	—	0·17	0·28	—	0·07		24
25	—	0·34	—	—	0·06	—	—	—	—	0·21	0·01	0·03		25
26	—	0·39	0·10	0·25	—	—	—	—	0·04	0·42	—	0·02		26
27	—	0·54	—	0·17	—	0·02	0·08	—	—	0·35	—	—		27
28	—	0·07	—	—	—	0·07	—	—	—	0·03	0·12	—		28
29	0·06	X	—	—	—	0·18	—	—	—	0·18	0·42	0·02		29
30	0·08	✗	—	—	—	0·10	—	—	0·45	0·30	0·20	—		30
31	0·14	✗	—	✗	0·04	✗	—	0·36	✗	0·10	✗	—		31
TOTAL	3·85	5·10	1·28	3·41	1·71	2·09	4·60	3·92	3·14	3·74	1·44	3·13	Year's Total 37·4	✓
* Days with .01 in. or more.	21 ~~8~~	22 ~~3~~	11 ~~2~~	17 ~~1~~	15 ~~2~~	15 ~~3~~	17 ~~2~~	9 ~~2~~	16 ~~5~~	14 ~~2~~	9	13	179	✓
* Days with .04 in. or more.	16	19	9	16	13	12	15	7	11	12	6	10	146	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) H. Hough Watson [P.T.O.

51

Travelling Forms — H Hough Watson, Esq.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3653

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Braystones

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	0·15	—	0·04	—	1·13	—	—	0·25	0·15	0·12	0·01		1
2	—	0·03	—	0·25	—	0·52	0·03	—	0·16	0·96	0·08	0·30		2
3	—	—	—	—	—	0·24	0·27	—	0·11	1·85	0·54	—		3
4	—	0·01	0·02	0·06	—	0·08	0·02	—	—	0·11	0·09	1·20		4
5	—	—	—	—	—	0·07	Trace	—	0·58	0·17	—	—		5
6	0·13	0·02	—	—	—	0·65	0·09	0·04	0·02	0·55	0·04	—		6
7	0·10	—	—	—	—	—	0·42	0·11	—	0·05	0·12	0·02		7
8	0·30	0·18	0·03	—	—	—	0·20	0·06	—	0·70	0·13	0·05		8
9	0·29	—	—	—	—	0·11	0·16	0·18	—	0·04	—	0·24		9
10	0·25	0·09	0·02	—	—	—	0·12	—	0·01	—	0·08	0·09		10
11	0·22	0·05	—	—	0·64	0·20	0·02	0·01	0·05	0·28	0·56	0·06		11
12	0·34	0·07	—	—	0·46	—	0·02	—	—	0·88	1·26	—		12
13	—	—	—	—	0·18	—	0·46	0·01	—	—	0·23	0·20		13
14	0·67	—	—	—	0·11	—	—	—	—	—	—	—		14
15	0·37	—	0·27	—	0·56	—	—	0·32	0·03	0·28	0·01	0·17		15
16	0·35	—	—	—	0·42	—	0·02	0·08	1·03	0·18	0·18	0·02		16
17	—	—	—	—	0·40	—	0·15	0·32	0·14	1·13	0·09	—		17
18	0·16	—	0·08	—	—	Trace	—	0·33	—	0·19	0·75	—		18
19	—	—	0·53	—	—	—	0·06	0·15	0·08	0·01	0·01	—		19
20	—	—	0·75	—	—	—	Trace	0·52	0·19	—	0·04	—		20
21	—	—	—	—	0·04	—	—	0·11	0·02	0·40	0·67	—		21
22	0·03	—	—	Trace	0·28	0·07	—	0·04	—	0·02	0·36	—		22
23	0·09	—	0·02	Trace	0·27	0·26	—	—	0·17	0·02	0·31	0·02		23
24	0·15	0·05	0·12	—	—	0·07	0·06	—	0·09	0·49	0·28	—		24
25	—	0·18	0·02	—	0·24	0·02	0·42	—	—	0·11	0·82	—		25
26	0·05	0·57	0·26	Trace	0·18	0·28	0·08	0·43	—	0·16	0·07	0·73		26
27	0·19	0·28	—	—	—	0·12	0·35	—	—	0·04	0·83	0·14		27
28	0·10	0·02	0·02	—	0·07	0·93	0·37	—	0·02	0·07	—	0·16		28
29	0·18	×	—	—	0·44	0·27	2·02	—	—	0·65	0·66	0·23		29
30	0·23	×	—	—	—	—	0·40	0·15	0·10	—	0·14	0·09		30
31	0·20	×	—	×	0·36	×	—	0·03	×	0·45	×	0·73		31
TOTAL	4·40	1·70	2·14	0·35	4·65	5·02	5·74	2·89	3·05	9·94	8·47	4·46	Year's Total 52·81	✓
* Days with .01 in. or more.	20	13	12	3	15	16	21	17	17	26	26	18	204	✓
* Days with .04 in. or more.	19	9	6	3	15	15	16	14	12	23	24	14	170	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) H Hough Watson [P.T.O.

51 Travelling Forms

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Station No. 3653

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Braystones

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

„ Ground „ Sea Level ....ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·10	—	1·15	0·11	—	—	0·22	0·07	0·03	0·01	—	0·19		1
2	—	—	0·42	0·06	—	—	—	0·12	0·32	—	—	0·12		2
3	—	—	0·12	0·04	Trace	—	0·16	—	0·52	—	—	0·46		3
4	—	0·01	0·52	—	0·03	—	0·17	—	—	—	0·02	0·06		4
5	—	0·01	0·02	—	0·02	—	0·42	—	—	0·09	0·35	0·08		5
6	0·06	0·43	0·03	—	Trace	—	0·48	0·02	Trace	0·02	Trace	—		6
7	0·88	0·15	0·05	—	—	—	0·01	0·02	0·04	—	0·02	0·06		7
8	0·91	1·33	0·14	0·65	Trace	—	0·30	—	—	Trace	—	0·12		8
9	0·32	0·37	—	0·02	—	—	Trace	0·71	0·28	0·27	0·03	0·48		9
10	0·05	0·01	0·02	—	—	0·04	—	0·18	0·65	0·85	0·22	0·40		10
11	—	0·10	0·27	—	—	0·26	—	0·03	—	—	—	—		11
12	0·09	0·18	—	0·31	Trace	0·01	0·04	—	0·23	—	—	—		12
13	—	—	0·03	0·19	0·10	0·11	0·66	—	—	—	0·17	—		13
14	0·50	—	0·01	0·04	0·05	0·68	0·29	—	—	—	0·23	—		14
15	0·30	—	0·07	0·36	—	0·46	1·09	—	—	—	0·16	—		15
16	0·06	0·02	—	Trace	—	0·01	0·35	—	—	—	0·05	—		16
17	0·23	0·07	0·02	—	—	0·42	—	—	—	—	0·12	—		17
18	0·02	0·18	0·25	—	—	—	0·07	—	—	—	0·35	—		18
19	0·15	—	—	—	Trace	0·02	0·13	0·28	—	—	—	—		19
20	0·11	0·07	Trace	—	0·01	0·03	—	0·06	—	—	—	—		20
21	0·14	0·30	0·17	0·11	0·09	—	0·05	0·35	—	0·06	—	—		21
22	0·17	0·24	0·02	0·12	—	—	0·13	—	—	0·10	0·32	—		22
23	0·12	0·15	Trace	0·08	Trace	0·03	0·53	—	—	0·05	0·15	—		23
24	0·02	0·25	Trace	—	—	—	—	—	Trace	—	0·02	0·02		24
25	0·15	0·01	—	0·06	—	0·14	—	—	—	—	0·82	—		25
26	—	—	0·02	0·03	0·02	—	—	—	—	—	0·05	—		26
27	—	0·09	0·04	Trace	—	0·64	0·42	0·18	—	—	0·18	—		27
28	—	0·09	0·05	0·01	—	0·36	0·53	0·08	—	—	0·45	—		28
29	—		0·01	—	—	0·17	0·49	—	—	0·06	0·06	0·06		29
30	—	✕	—	—	—	—	0·12	—	—	—	0·36	—		30
31	—	✕	—	✕	—	✕	0·08	0·03	✕	—	✕	—		31
TOTAL	4·38	4·06	3·43	2·19	0·32	3·38	6·74	2·13	2·07	1·51	4·13	2·05	Year's Total 36·39	
* Days with .01 in. or more.	19	20	21	15	7	15	22	13	7	9	20	11	179	
* Days with .04 in. or more.	17	15	12	12	3	10	21	9	6	7	16	10	138	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) H. Hough Watson

[P.T.O.

51 T.F.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3653 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Braystones

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	[redacted]	—	—	0·11	—	—	0·06	—	Trace	—	0·06	0·10		1
2	[redacted]	—	—	0·20	—	—	0·16	—	—	—	0·68	0·35		2
3	[redacted]	0·03	—	0·02	—	—	0·11	—	—	0·05	—	0·04		3
4	[redacted]	—	—	0·01	—	—	0·04	0·14	·04	0·03	—	0·36		4
5	[redacted]	—	—	—	0·23	—	Trace	—	—	0·74	—	0·56		5
6	0·09	—	—	0·20	—	—	0·02	0·02	—	0·61	—	0·15		6
7	0·10	0·25	0·02	0·17	0·34	—	—	0·05	0·08	0·04	0·19	0·09		7
8	—	0·02	0·09	—	—	—	0·06	0·03	0·06	0·78	0·25	0·14		8
9	—	—	0·46	0·03	—	—	0·52	0·09	0·24	0·51	0·27	0·18		9
10	—	—	0·11	—	—	—	0·35	Trace	—	0·21	0·25	0·38		10
11	—	—	0·98	0·03	—	0·02	0·36	—	0·15	—	0·68	—		11
12	—	—	0·92	—	—	—	0·19	0·14	0·15	—	0·24	—		12
13	—	—	0·03	—	—	—	0·06	0·06	0·09	—	0·03	0·26		13
14	—	0·02	0·04	0·12	Trace	—	0·18	0·05	0·49	—	0·19	0·17		14
15	—	—	0·08	0·01	0·61	—	—	—	—	—	0·08	0·48		15
16	—	—	0·12	—	—	—	0·25	0·01	0·98	—	—	—		16
17	—	—	0·17	—	—	—	0·24	—	0·19	0·26	0·01	0·22		17
18	—	—	0·20	0·05	—	—	0·13	0·32	0·80	—	—	0·38		18
19	—	0·18	—	0·09	—	—	0·02	—	0·10	—	1·04	—		19
20	0·35	—	0·14	0·20	—	—	—	—	0·06	0·70	—	—		20
21	0·30	—	0·26	0·03	—	0·45	—	0·26	0·07	—	0·11	—		21
22	—	—	0·09	—	—	—	—	0·09	0·30	—	0·24	—		22
23	1·15	0·07	0·06	0·27	0·03	—	0·29	—	—	—	—	—		23
24	—	0·02	—	0·01	0·01	—	—	—	—	—	Trace	—		24
25	—	—	—	—	0·28	0·06	—	0·01	—	—	0·09	—		25
26	—	0·40	0·06	—	0·01	0·04	0·06	—	0·02	—	0·12	—		26
27	0·16	0·20	—	—	0·02	Trace	—	—	—	—	—	—		27
1·21 28	0·96	—	0·07	—	0·03	0·05	—	0·07	—	—	—	0·14		28
29	—	—	0·33	0·07	—	0·21	0·34	—	—	—	0·02	0·46		29
30	—	✕	0·03	—	—	—	—	—	—	0·32	0·10	—		30
31	0·09	✕	0·52	✕	0·11	✕	—	0·04	✕	0·18	✕	—		31
TOTAL	3·20	1·19	4·78	1·62	1·67	0·83	3·44	1·38	3·79	4·43	4·65	4·46	Year's Total 35·44	✓
* Days with .01 in. or more.	8	9	21	17	10	6	19	15	16	12	19.	17	169	✓
* Days with .04 in. or more.	8.	5	18	10	5	5	17	11	15	11	16.	17	~~188~~	138 ✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) H. Hough Watson

P.T.O.

3653/3

BECKERMET
BANKFIELD
1937 - 1940

780704

3653/3

FORM 1090. **B** Month
Summ

…tion,

, The following register of monthly
&c., is NOT required if daily or
values are given on the other si

section and also the space for

to this register should be sent:—

RAINFALL IN 193.7

At Bankfield Becke

In the County of Cumberland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* … *in.*
Height of Ground above Sea Level 132 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE	2·03				
JULY	~~2·03~~ 4·11				
AUG.	3·37				
SEPT.	3·28				
OCT.	3·43				
NOV.	1·20				
DEC.	2·64				
TOTAL	20·06				

rep: imp:

Signature John R Atkinson

*See Instruction 2 *(f)* below.

……………in Summer……………

Nearest Railway Station…………… Distance…………… Direction from gauge……………

Nearest Parish Church at…………… Distance…………… Direction from gauge……………

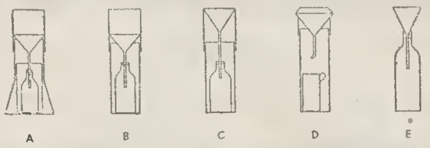
Nature of objects nearest to gauge				
Height of objects				
Distances …				
Directions from gauge …				

If gauge has been moved during the year state—

Date of move…………… Distance…………… Direction……………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

……………

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

f-35809/34

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

N

3653/3

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Bankfield Beckermet

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* .... *in.*
- *Height of Ground above Sea Level* 132 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE	2·03				
JULY	~~2·03~~ 4·11				
AUG.	3·37.				
SEPT.	3·28				
OCT.	3·43.				
NOV.	1·20				
DEC.	2·64				
TOTAL	20·06				

rep imp'

Signature John R Atkinson

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.......................in Summer.....................

Nearest Railway Station.................................. Distance.................. Direction from gauge............

Nearest Parish Church at.................................. Distance.................. Direction from gauge............

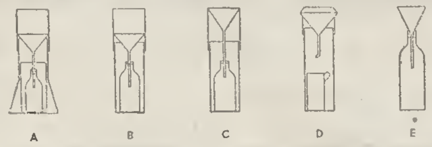
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

f·35809/34

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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N

BECKERMET (BANKFIELD)

3653/3

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Bankfield Beckermet

In the County of Cumberland.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 132. *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.65.				
FEB.	1.52				
MAR.	1.94				
APRIL	·37				
MAY	4.44				
JUNE	4.49				
JULY	5.67				
AUG.	2.55				
SEPT.					
OCT.	2.33				
NOV.	9.05				
DEC.	6.87				
Dec	3.87				
TOTAL	~~47.05~~ 46.75 ✓				

Signature ...... hp low.

J. R. ATKINSON ESQ

Cp 25/4/39

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John R Atkinson
Bankfield Beckermet Cumb^d

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Beckermet Distance .... Direction from gauge ....

Nearest Parish Church at " " Distance .... Direction from gauge ....

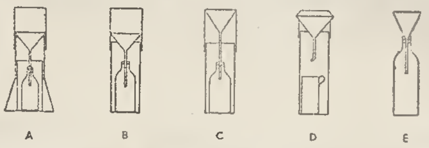
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

c. hp 537
f 358091/34

M.O. 7
6 JAN 1939

O

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this* ·005 *mark or between this* ·005 *and the* ·01 *mark are to be entered as* ·01 *even though they may be nearer to the* ·005 *mark than the* ·01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

358091/34

3653/3

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Bankfield Beckermet

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 inch in.
- *Height of Top above Ground* 1 ft. *ft.* *in.*
- *Height of Ground above Sea Level* 122 feet *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·08				
FEB.	3·47.				
MAR.	3·00.				
APRIL	2·06				
MAY	·33.				
JUNE	3·23				
JULY	3·51.				
AUG.	1·59				
SEPT.	2·16				
OCT.	1·49.				
NOV.	4·31				
DEC.	1·87				
TOTAL	31·10				

Signature John R. Atkinson.

* P [illegible]

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

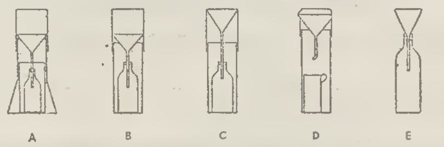
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

1938 [illegible]

see f 358091/34

M.O. 7
-9 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

3653/3

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Bankfield Beckermet

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 inch in.
- *Height of Top above Ground* 1 foot in.
- *Height of Ground above Sea Level* 132 ft. ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	~~1·39~~	(3.39)			
FEB.	·97				
MAR.	4·90				
APRIL	1·57				
MAY	1·50				
JUNE	·75				
JULY	4·00				
AUG.	1·40				
SEPT.	3·93				
OCT.	4·37				
NOV.	4·19				
DEC.	4·35				
TOTAL	~~33·32~~ 35·32				

Put wt.
"M"

Signature John R Atkinson

J.R. ATKINSON ESQ

January ~~estd~~ for snow.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter............in Summer............

Nearest Railway Station............ Distance............ Direction from gauge............

Nearest Parish Church at............ Distance............ Direction from gauge............

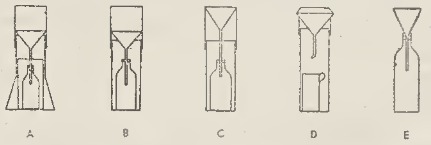
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

up late 1939

358091/34

M. O. 3a.
9 JAN 1941
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 2778/2036 21,000 10/38 W. H. & S. 668/91 S.O. Code No. 40-9999

WAST WATER (WASDALE HEA

3653/5

FORM 1090.

B Month… Summ… …ion.

3653/5

WAST WATER

WASDALE HEAD

1935 - 1940

*** The following register of monthly … section and also the space for &c., is NOT required if daily or w… values are given on the other side…

… to this register should be sent :— …son

… Kennet, Cumberland

RAINFALL IN 1935

At Wasdale Hea…

… 9 AM in Summer 10 AM

In the County of Cumber… 780704

Distance 12 MILES Direction from gauge N. W.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* … *in.*
- *Height of Ground above Sea Level* 280 *ft.*

Nearest Parish Church at Wasdale Head Distance ¼ MILE Direction from gauge S. E.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·75				
FEB.	15·50				
MAR.	2·08				
APRIL	5·45				
MAY	1·00				
JUNE	7·00				
JULY	6·25				
AUG.	7·75				
SEPT.	12·50				
OCT.	15·75				
NOV.	9·00				
DEC.	5·50 ✓				
Total	93·53 ✓				

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move … Distance … Direction …

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature H. Hough Watson

H.H. WATSON.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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N

WAST WATER (WASDALE HEA

3653/5

FORM 1090.

B Month Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Wastdale Head.

In the County of Cumberland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* *in.*
Height of Ground above Sea Level 280 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·75				
FEB.	15·50				
MAR.	2·08				
APRIL	5·45				
MAY	1·00				
JUNE	7·00				
JULY	6·25				
AUG.	7·75				
SEPT.	12·50				
OCT.	15·75				
NOV.	9·00				
DEC.	5·50 ✓				
Total	93·53 ✓				

Signature H. Hough Watson Esq

H. H. WATSON.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
H Hough Watson
Braystones, Beckermet, Cumberland

Hour of observation by the clock—in Winter 9 AM in Summer 10 AM

Nearest Railway Station Seascale Distance 12 MILES Direction from gauge N. W.

Nearest Parish Church at Wastdale Head Distance ¼ MILE Direction from gauge S E.

Nature of objects nearest to gauge				
Height of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move — Distance — Direction —

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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N

3653/5

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Wasdale Head

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 280 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·50				
FEB.	4·40				
MAR.	6·50				
APRIL	1·65				
MAY	1·45				
JUNE	7·50				
JULY	10·50				
AUG.	6·55				
SEPT.	11·00				
OCT.	10·00				
NOV.	13·50				
DEC.	10·50				
Total	93·05				

Signature..........

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

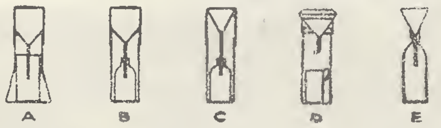
Nature of objects nearest to gauge				
Height of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3653/5

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Wast Water, Wasdale Head

In the County of Cumberland

Rain Gauge
- Diameter of Funnel........................in.
- *Height of Top above Ground*.........*ft*.............*in.*
- *Height of Ground above Sea Level*..................*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	13·00				
FEB.	12·50				
MAR.	3·50				
APRIL	6·00				
MAY	2·50				
JUNE	7·00				
JULY	7·11				
AUG.	4·50				
SEPT.	9·00				
OCT.	4·25				
NOV.	2·50				
DEC.	4·45				
TOTAL	76·31				

Signature ....

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry ~~relating to this register should be sent~~ :—

TRAVELLING FOR

VALUES FORWARDED MONTHLY

Hour of observation by the clock—in Winter..............................in Summer..................

Nearest Railway Station.................................. Distance..................Direction from gauge..................

Nearest Parish Church at.................................. Distance..................Direction from gauge..................

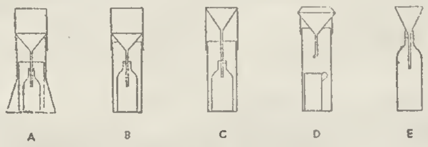
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

4·00

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3653/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At West Water, Wasdale Head

In the County of Cumberland

Rain Gauge
Diameter of Funnel..........................in.
Height of Top above Ground.........ft.............in.
Height of Ground above Sea Level..................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11·70				
FEB.	4·50				
MAR.	7·50				
APRIL	2·50	1·15			
MAY	8·00				
JUNE	11·40				
JULY	15·55				
AUG.	6·90				
SEPT.	6·50				
OCT.	20·60				
NOV.	13·00				
DEC.	8·50				
TOTAL	116·65				

Signature H Hough Watson

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter..........................in Summer....................

Nearest Railway Station.............................. Distance.................. Direction from gauge............

Nearest Parish Church at.............................. Distance.................. Direction from gauge............

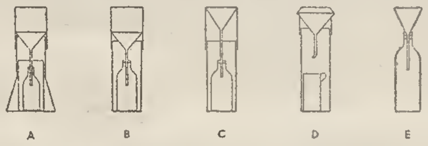
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3653/5

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At West Water, Wasdale Head

In the County of Cumberland

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground*.........*ft*.............*in.*
- *Height of Ground above Sea Level*..................*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	21·50	✓			
FEB.	12·50	✓			
MAR.	13·50	✓			
APRIL	6·50	✓			
MAY	1·00	✓			
JUNE	7·00	✓			
JULY	12·50	✓			
AUG.	4·50	✓			
SEPT.	6·40	✓			
OCT.	2·75	✓			
NOV.	14·50	✓			
DEC.	4·50	✓			
TOTAL	107·15	✓			

Signature H Hough Watson

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.......................in Summer...................

Nearest Railway Station.................................. Distance.................. Direction from gauge.................

Nearest Parish Church at.................................. Distance.................. Direction from gauge.................

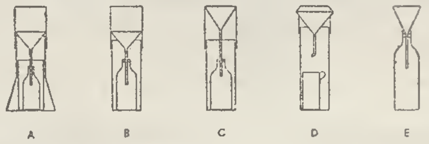
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

400

TRAVELLING FORM

VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3653/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

400

Kept at Wast Water, Wasdale Head

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
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28														28
29														29
30		×												30
31		×		×		×			×		×			31
TOTAL	2·75	2·25	13·50	3·50	1·50	1·75	9·75	7·00	11·25	8·25	10·50	14·75	Year's Total 86·75	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) H. Hough Watson [P.T.O.

3654

FORM 1090. **B** Month
Summ

3654

EGREMONT, LAKS RIGG

1931 — 33

780704

*** **The following register of monthly**
&c., is NOT required if daily or
values are given on the other side also the space for

r should be sent:—

RAINFALL IN 1931

At Lankrigg

In the County of Cumberland

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.* —
Height of Ground above Sea Level 175

Summer
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Numb Days ·01 in or more	or more
	Inches.	Inches.	Date.	*	*
JAN.	7·0				
FEB.	6·0				
MAR.	1·4				
APRIL	3·0				
MAY	4·8				
JUNE	10·0				
JULY	11·9				
AUG.	5·4				
SEPT.	4·4				
OCT.	6·9				
NOV.	14·0				
DEC.	8·9				
Total	83·7				

Distances ..

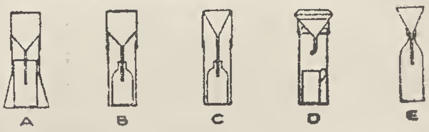
Directions from gauge ..

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

Signature John Shewen

M

*See Instruction 2 (*f*) below.

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3654

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Lanthrigg

In the County of Cumberland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* — *in.*
Height of Ground above Sea Level 1750 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·0				
FEB.	6·0				
MAR.	1·4				
APRIL	3·0				
MAY	4·8				
JUNE	10·0				
JULY	11·9				
AUG.	5·4				
SEPT.	4·4				
OCT.	6·9				
NOV.	14·0				
DEC.	8·9				
Total	83·7				

Signature John Sherwen

M

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

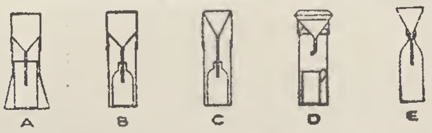
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3654

FORM 1090. **B** Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

On Landrigg

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* — *in.*
- *Height of Ground above Sea Level* 1750 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	9·3				
FEB.	0·0				
MAR.	4·5				
APRIL	4·0				
MAY	6·3				
JUNE	2·9				
JULY	8·8				
AUG.	4·8				
SEPT.	8·6				
OCT.	11·0				
NOV.	4·6				
DEC.	11·4				
Total	76·2				

Signature John Sheeran

M.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

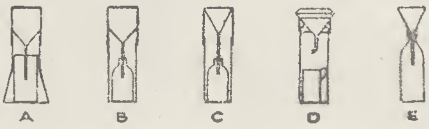
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
3 JAN 1933

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one-day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3654

FORM 1090. **B** Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Egremont, Sank Rigg

In the County of Cumberland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft* .... *in*.
- *Height of Ground above Sea Level* .... *ft*.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more*	Number of Days with ·04 in. or more*
	Inches.	Inches.	Date.		
JAN.	9·30				
FEB.	·00				
MAR.	4·60				
APRIL	4·20				
MAY	6·35				
JUNE	3·10				
JULY	8·90				
AUG.	4·90				
SEPT.	8·60				
OCT.	11·10				
NOV.	4·80				
DEC.	11·40				
Total	77·25				

Signature J Sherwen

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter............in Summer............

Nearest Railway Station............ Distance............ Direction from gauge............

Nearest Parish Church at............ Distance............ Direction from gauge............

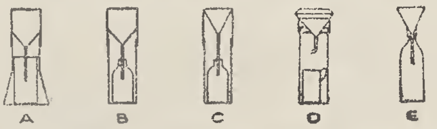
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3654

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Egremont, Sand Rigg

In the County of Cumberland

Rain Gauge
- Diameter of Funnel ....in.
- *Height of Top above Ground* ....*ft*. ....*in*.
- *Height of Ground above Sea Level* ....*ft*.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.20				
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
Total					

Signature J Sherwen

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

This Station terminated,

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

M

X ST. BEES (EAGLESFIELD)

FORM 1090. **B** Mon
Sum

3654/5

3654/5

ST BEES, EAGLESFIELD

1932 — 35

780704

*** The following register of monthl
&c., is NOT required if daily or
values are given on the other sid

…d also the space for
Cumberland/3.

…ster should be sent:—

RAINFALL IN 1932

At St. Bees

In the County of Cumberl…

…es, Cumb.

Rain Gauge
Diameter of Funnel 5"
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level

…In Summer 8.30.

…m Direction from gauge W

…m Direction from gauge NW

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Day ·01 i or mo
	Inches.	Inches.	Date.	*
JAN.	4.66	·65	3rd	
FEB.	·01	·01	1st	
MAR.	(3.15) ~~2.15~~	·83	22nd	
APRIL	(3.09) ~~1.09~~	?	?	
MAY	3·10	·96	12th	
JUNE	1·65	?	?	
JULY	4·16	·86	13th	
AUG.	(2.49) ~~1.49~~	?	?	
SEPT.	(4.75) ~~5.25~~	?	?	
OCT.	7·03	·88	29th	
NOV.	2·64	·93	22nd	
DEC.	5·65	1·26	16th	
Total	42·38			

Uncertain

Signature S. T. Aston Esq.

Monthly totals allocated by surrounding stations.

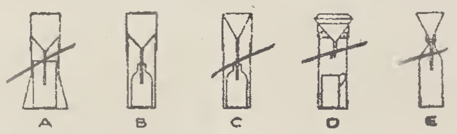
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move ………… Distance ………… Direction …………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

4'02" from 9 am Dec. 12th to
9 am Dec 20th.

Obr says:
"Only approximate
— but they may serve for comparison"

St Bees ([illegible]) 44.32

Suggest [illegible]

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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N.

X ST. BEES (EAGLESFIELD)

FORM 1090.

B Mon Summary.

C Particulars of Station.

365H/5

Cumberland /3

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At St. Bees

In the County of Cumberland

Rain Gauge
Diameter of Funnel 5" in.
Height of Top above Ground 1 *ft.* 0" *in.*
Height of Ground above Sea Level 50 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date	*	*
~~JAN.~~	4·66	·65	3rd		
FEB.	·01	·01	1st		
MAR.	(3.15) ~~2·16~~	·83	22nd		
APRIL	(3.09) ~~1·09~~	?	?		
MAY	3·10	·96	12th	Uncertain	
JUNE	1·65	?	?		
JULY	4·16	·86	13th		
AUG.	(2.49) ~~1·99~~	?	?		
SEPT.	(4.75) ~~5·25~~	?	?		
OCT.	7·03	·88	29th		
NOV.	2·64	·93	22nd		
DEC.	5·65	1·26	16th		
Total	42·38	[illegible]			

Signature S. T. Aston Esq.

monthly totals allocated by surrounding stations.

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Mr. S. T. Aston
Eaglesfield, St Bees, Cumb.

Hour of observation by the clock—in Winter 8.30 in Summer 8.30.

Nearest Railway Station St. Bees Distance ½ m Direction from gauge W

Nearest Parish Church at St Bees Distance ½ m Direction from gauge NW

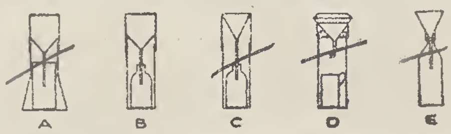
Nature of objects nearest to gauge	House.			
Heights of objects	30 ft.			
Distances	30 ft.			
Directions from gauge	SE			

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

4·02" from 9 am Dec. 12th to
9 am Dec 20th.

Obs. says
"Only approximate – but they may serve for comparison"

St Bees (Fern Bank) 44·32

Suspect (Jan)

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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N.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3654/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at St. Bees (Eaglesfield Ho.)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 50 ft.

9/
Est dup

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	–	·17	·12	–	–	·10	–	–	·	–	·24	–		1
2	·62	–	–	·03	–	·88	–	·12	·	–	–	–		2
3	·10	·64	·25	–	·65	–	–	–	·	–	·01	–		3
4	·55	·23	·07	–	·27	–	–	–	·	–	·10	–		4
5	·01	·06	·33	–	·04	–	–	–	·	–	·02	–		5
6	–	·20	·04	–	·28	–	–	–	·	–	–	–		6
7	·08	·16	–	–	·05	–	·38	·04	·	1·11	–	–		7
8	·12	tr.	·64	·36	·08	–	·04	–	·	·04	·11	–		8
9	–	·34	·03	–	·06	–	·78	–	1·35	·55	·07	–		9
10	·20	·02	–	–	–	·10	·06	–	·	·20	–	–		10
11	–	–	–	·09	–	–	·11	–	·	·12	–	·33		11
12	·13	·01	–	–	–	–	·04	–	·	·12	·30	·03		12
13	–	–	·05	–	·20	–	·24	·18	·	·07	·56	–		13
14	·54	–	·05	–	–	–	·08	·08	·	tr.	·47	–		14
15	·10	–	·20	·01	·02	·06	·05	·38	·	·31	·02	·01		15
16	–	·01	·25	·13	·30	·34 ~~·06~~	–	·06	·	·15	–	·01		16
17	–	–	·36	·	–	·29 ~~·34~~	·01	–	x	·05	·02	–		17
18	–	–	·04	·	–	·29	–	·11	–	–	·04	·08		18
19	–	–	·12	·	·03	·02 ~~·29~~	–	–	x	–	·44	–		19
20	–	·21	–	·	–	–	–	–	·30	–	–	–		20
21	–	–	–	· 1·11	–	–	–	·	–	tr.	–	–		21
22	–	–	–	·	·46	–	–	·	–	·12	–	–		22
23	–	–	–	x	–	–	–	·	–	–	–	–		23
24	–	·25	–	x	·32	·05	·06	✓	·08	·05	–	·06		24
25	–	·51	–	x	–	–	·12	x	·10	–	–	·13		25
26	–	·51	–	x	–	–	–	·86 ·	·18	·17	–	·17		26
27	–	·21	–	–	–	–	·20	·	–	–	–	·02		27
28	–	·07	–	–	–	–	·11	x	–	·11	–	–		28
29	–		–	·04	–	–	·04	✓	–	–	–	·22		29
30	·16	×	–	–	–	–	·55	–	–	·18	–	·06		30
31	·38	×	·11	×	–	×	·03	·35	×	·12	×	·17		31
TOTAL	2·99	3·60	2·66	1·77	2·76	2·13	2·90	2·18	2·01	3·47	2·40	1·29	Year's Total 30·16	
*Days with ·01 in. or more.	12	16	15	(10)	13	9	17	(12)	(6)	16	13	12	(151)	
*Days with .04 in. or more.	11	13	14	(8)	11	8	15	(10)	(6)	16	9	8	(129)	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

D

(*Signed*) S. T. Aston

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3654/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at St Bees (Eaglesfield)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 50 ft.

August "days" estimated by Surrounding Stns.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·62	–	·23	–	·06	–	–	–	·06	–	–	·32		1
2	–	·01	·12	–	–	–	–	x	·16	–	·17	·75		2
3	·43	–	–	–	–	–	–	.	·09	·17	·46	·15		3
4	·28	–	·06	–	·02	–	–	.	·02	·35	–	·59		4
5	–	–	·09	–	·28	–	–	x ·20	–	·01	–	·54		5
6	·27	·02	·09	–	·39	–	–	x	·11	·52	–	·06		6
7	·17	·06	·05	–	–	–	–	.	·02	·08	·18	·14		7
8	–	–	·05	–	·66	–	–	x	·19	·13	·10	·11		8
9	·15	–	–	·15	–	–	–	·21	·09	·18	·07	·20		9
10	·25	–	·08	–	·01	–	–	·23	·13	·06	·03	·01		10
11	·32	–	–	·49	–	–	–	·11	·02	–	–	·21		11
12	–	–	·03	·39	–	–	–	–	–	·09	–	·14		12
13	·21	–	–	·17	·04	–	·07	–	–	·09	–	·12		13
14	·13	–	·31	·05	·07	·14	–	–	–	·32	–	·12		14
15	·13	–	·02	·03	·59	·05	·05	·35	·19	–	–	·03		15
16	·51	–	·31	·03	·12	–	–	–	– ~~·22~~	·04	·05	–		16
17	·09	–	·05	·15	·26	–	·04	–	·23	·02	–	·44		17
18	·40	–	·03	·08	·23	·71	–	·14	·15 [illegible]	–	–	·31		18
19	–	·03	·03	–	·22	·27	·01	·05	·30	·22	·10	·07		19
20	–	–	–	·35	·34	–	–	·34	·01	·04	·05	–		20
21	·05	–	·10	–	·03	·30	·05	x	·32	·36	·01	–		21
22	·52	–	·05	–	–	–	–	x x	·53	·02	–	–		22
23	·05	–	·18	·46	–	–	–	·36x	–	·53	·20	·04		23
24	–	·14	·03	·06	·22	–	·11	–	·16	·66	–	–		24
25	·09	–	·06	·19	·04	–	·16	–	·44	·57	·01	·38		25
26	·05	–	–	–	–	·55	·07	–	·21	·61	–	·15		26
27	–	–	–	·02	–	·06	·18	x 1·14	·04	·33	·05	·31		27
28	–	–	–	–	–	·06	·01	x	·11	·36	–	·42		28
29	–	–	–	–	–	–	·20	–	·22	·03	–	·18		29
30	·41	X	–	–	–	–	·03	·43	·79	·07	–	·13		30
31	·01	X	–	X	–	X	–	·18	X	–	X	·16		31
													Year's Total.	
TOTAL	5·14	0·26	1·97	2·62	3·58	2·14	0·98	3·74	4·59	5·86	1·48	6·08	38·44	
* Days with .01 in. or more.	21	5	20	14	17	8	12	?(18)	24	25	13	26	(203)	
* Days with .04 in. or more.	20	2	15	11	14	8	9	?(18)	20	21	10	24	(172)	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) S. T. Aston

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3654/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at St Bees (Eaglesfield)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 50 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·36	·21	-	-	·07	-	·11	-	·80	·07	·04	·35		1
2	·01	·09	-	-	-	·08	-	-	·18	·71	·26	·16		2
3	-	·21	·16	-	-	·04	-	-	-	-	·24	·05		3
4	-	·08	·01	-	-	·10	-	-	·03	·10	-	·08		4
5	-	·15	·08	-	-	·01	-	-	-	·06	·15	·09		5
6	·02	-	-	-	-	·20	-	-	-	-	·16	·04		6
7	-	-	-	·18	-	·37	-	-	-	·81	-	·27		7
8	-	-	-	·17	-	·20	-	·04	-	·03	-	·38		8
9	·10	·01	-	·58	-	-	·12	-	-	1·03	·08	-		9
10	·05	·27	-	·01	-	·32	·09	-	-	·09	·02	-		10
11	·30	·01	-	-	-	·19	-	·12	-	·15	·19	-		11
12	-	·21	-	-	-	·02	-	-	·14	·04	·16	-		12
13	·10	·04	-	-	·25	-	-	-	·03	·13	·10	-		13
14	·01	·04	-	-	-	·61	-	-	·18	-	·37	·25		14
15	-	·20	-	·39	·36	·02	-	·01	·24	·19	·26	·03		15
16	-	·54	·02	·50	·08	·10	·10	·07	·44	-	·36	-		16
17	-	-	-	·26	-	·19	-	·06	·12	·18	·51	-		17
18	-	·08	·05	-	·08	·03	·06	-	1·11	·23	-	-		18
19	-	·40	-	·16	·05	·58	·98	-	-	·04	·06	-		19
20	-	·29	-	·32	-	·24	-	-	-	-	·15	·09		20
21	-	-	·22	·01	-	-	-	-	·35	·03	-	-		21
22	-	·08	·05	·01	-	-	·05	-	·05	-	-	-		22
23	·02	·38	·10	·02	-	·05	·01	·03	·06	·46	-	-		23
24	·25	·30	·15	-	-	-	-	·03	·90	·04	-	·11		24
25	·21	-	·05	-	-	-	-	·09	-	-	·11	·02		25
26	-	-	-	-	-	·27	-	1·20	·41	·44	-	·16		26
27	-	·20	-	-	-	·10	·18	-	·13	·24	·46	·07		27
28	·09	·03	-	-	-	-	-	·12	·23	·39	·16	-		28
29	-	×	·12	-	-	·09	-	·47	·76	·05	·02	·18		29
30	·09	×	-	-	-	·32	-	·11	·19	·23	·28	·02		30
31	·13	×	-	×	-	×	-	-	×	-	×	·30		31
													Year's Total.	
TOTAL	1·74	3·82	1·01	2·61	0·89	4·13	1·70	2·35	6·35	5·74	4·14	2·65	37·13	
* Days with .01 in. or more.	14	21	11	12	6	22	9	12	19	23	21	18	188	
* Days with .04 in. or more.	10	18	9	8	6	18	8	9	17	21	19	15	158	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

3655

Section **A** for the entry of

~~AIR MINISTRY~~

PY FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090

REGIST

Kept at Fern Bank

in the County of Cum

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Le

THE MORNING MEASUR

An observer who does not conform to t
year in the space on the right of this

wing

called
(Beckerley House)

Jan. 1, following

3655

St Bees, Fern Bank
1931 — 40

780704

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.								in.	in.	
1	·14	·01	—	02	03	—	06		[illegible]	24	—	·28	1
2	—	—	—	·03	—	·91	·04	—	·64	·08	·40	1·83	2
3	Tr	—	—	—	—	·08	·75	—	·56	·07	1·87	·26	3
4	—	—	—	·14	—	·01	·02	—	—	·01	·02	·24	4
5	—	·07	—	—	·15	·87	—	·02	—	·03	—	·64	5
6	—	·33	—	—	·12	·52	—	—	·07	·45	·47	—	6
7	—	·08	—	—	·04	·22	—	·33	—	·19	·06	·12	7
8	·12	·39	—	·02	—	·04	·37	·05	—	—	·13	—	8
9	·05	·11	—	·02	·50	·18	·11	·30	·20	·33	·35	·06	9
10	·01	·05	—	—	·42	·30	—	·05	·17	—	·37	—	10
11	·26	·28	—	Tr	—	·05	·90	—	·43	·02	·15	·03	11
12	·02	·03	·02	·05	—	·01	·09	·05	Tr	·08	—	—	12
13	—	—	·29	·02	·09	·11	·46	—	—	—	·48	—	13
14	·06	·26	·18	—	·02	1·42	·27	·25	·02	—	·97	·03	14
15	·06	·09	·02	·14	—	·70	·09	·15	—	—	—	·02	15
16	·11	·05	—	·16	—	·18	·06	·75	·25	—	—	—	16
17	·02	·03	—	·03	—	·03	·43	·05	—	—	·22	—	17
18	·27	—	—	—	·14	·01	·07	·01	—	·03	·49	—	18
19	·37	·57	·06	—	—	·02	—	2·23	—	·02	·02	—	19
20	—	·06	·12	·02	—	·03	—	·07	—	—	·10	—	20
21	·31	Tr	·28	—	·12	Tr	·03	·08	—	—	·02	—	21
22	·41	·06	·01	·07	·10	·08	·15	·01	—	—	—	·12	22
23	·23	—	—	·18	·31	·13	—	—	—	—	·60	·92	23
24	·02	·45	—	·26	·17	—	·06	—	—	—	·39	·04	24
25	·31	02	—	·34	·06	—	·03	—	—	—	·10	·03	25
26	—	—	—	·08	—	—	·15	—	—	Tr	·63	Tr	26
27	·21	·03	·07	·01	·07	Tr	·12	—	—	·06	·50	·02	27
28	·30	02	Tr	·03	·15	—	—	—	—	—	·06	·19	28
29	·02	×	·02	—	·06	—	·83	—	—	·57	·03	—	29
30	06	×	—	—	—	—	Tr	—	·21	—	—	—	30
31	·67	×	—	×	·01	×	·06	—	×	18	×	·70	31
TOTAL	4·23	2·99	·99	1·62	2·58	5·90	5·14	4·40	3·00	2·36	8·63	5·53	YEAR'S TOTAL 47·37
*Days with ·01 in. or more.	22	20	10	18	18	21	22	15	10	15	23	17	211
*Days with ·04 in. or more.	17	14	6	9	~~17~~ 16	15	19	12	9	10	19	12	~~159~~ 158

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*See Instruction 2 (*f*) on other side.

(*Signed*) George Dixon
Lieut Colonel

P.T.O.

3655

Section **A** for the entry of … PY FOR OFFICIAL USE.
AIR MINISTRY … ORGANIZATION.

FORM 1090

REGISTER OF RAINFALL IN 1931.

Kept at Fern Bank, St Bees
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level 60 ft.

400

Footnote :- Formerly called St Bees (Bickerley House)

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·14	·01	—	·02	·05	—	·06	—	·45	·24	—	·28	1
2	—	—	—	·03	—	·91	·04	—	·64	·08	·40	1·83	2
3	Tr	—	—	—	—	·08	·75	—	·56	·07	1·87	·26	3
4	—	—	—	·14	—	·01	·02	—	—	·01	·02	·24	4
5	—	·07	—	—	·15	·87	—	·02	—	·03	—	·64	5
6	—	·33	—	—	·12	·52	—	—	·07	·45	·47	—	6
7	—	·08	—	—	·04	·22	—	·33	—	·19	·06	·12	7
8	·12	·39	—	·02	—	·04	·37	·05	—	—	·13	—	8
9	·05	·11	—	·02	·50	·18	1·1	·30	·20	·33	·35	·06	9
10	·01	·05	—	—	·42	·30	—	·05	·17	—	·37	—	10
11	·26	·28	—	Tr	—	·05	·90	—	·43	·02	·15	·03	11
12	·02	·03	·02	·05	—	·01	·09	·05	Tr	·08	—	—	12
13	—	—	·29	·02	·09	·11	·46	—	—	—	·48	—	13
14	·06	·26	·10	—	·02	1·42	·27	·25	·02	—	·97	·03	14
15	·06	·09	·02	·14	—	·70	·09	·15	—	—	—	·02	15
16	·11	·05	—	·16	—	·18	·06	·75	·25	—	—	—	16
17	·02	·03	—	·03	—	·03	·43	·05	—	—	·22	—	17
18	·27	—	—	—	·14	·01	·07	·01	—	·03	·49	—	18
19	·37	·57	·06	—	—	·02	—	2·23	—	·02	·02	—	19
20	—	·06	·12	·02	—	·03	—	·07	—	—	·10	—	20
21	·51	Tr	·28	—	·12	Tr	·03	·08	—	—	·02	—	21
22	·41	·06	·01	·07	·10	·08	·15	·01	—	—	—	·12	22
23	·23	—	—	·18	·31	·13	—	—	—	—	·60	·92	23
24	·02	·45	—	·26	·17	—	·06	—	—	—	·39	·04	24
25	·31	02	—	·34	·06	—	·03	—	—	—	·10	·03	25
26	—	—	—	·08	—	—	·15	—	—	Tr	·63	Tr	26
27	·21	·03	·07	·01	·07	Tr	·12	—	—	·06	·50	·02	27
28	·30	02	Tr	·03	·15	—	—	—	—	—	·06	·19	28
29	·02	×	·02	—	·06	—	·83	—	—	·57	·03	—	29
30	06	×	—	—	—	—	Tr	—	·21	—	—	—	30
31	·67	×	—	×	·01	×	·06	—	×	18	×	·70	31
TOTAL	4·23	2·99	·99	1·62	2·56	5·90	5·14	4·40	3·00	2·36	8·63	5·55	YEAR'S TOTAL 47·37
*Days with ·01 in. or more.	22	20	10	18	18	21	22	15	10	15	23	17	211
*Days with ·04 in. or more.	17	14	6	9	~~17~~ 16	15	19	12	9	10	19	12	~~159~~ 158

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(Signed) Geoff. Dixon
Lieut Colonel

P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932

Kept at Yew Bank St Bees ·X· not Bickerley House

in the County of Cumberland

400

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level 60 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·34	—	—	·50	—	—	·01	—	·84	·25	·11	·38	1
2	·30	Tr	—	·21	·08	·04	·19	·12	·53	—	·12	·07	2
3	·01	—	—	—	—	·01	·46	—	·15	·01	·06	·23	3
4	·09	—	·01	—	—	—	·26	·02	·04	·02	—	·02	4
5	·16	—	·16	·04	—	—	—	·02	·66	—	—	—	5
6	·24	—	·14	·17	—	—	—	—	Tr	·20	·01	—	6
7	·03	—	·28	·12	Tr	—	—	—	·23	·63	—	—	7
8	·05	—	—	·33	—	—	—	—	·39	·28	·01	—	8
9	·95	—	—	·22	·01	—	·01	—	·08	·18	—	—	9
10	·89	—	·02	·08	—	—	—	—	·42	·12	—	·02	10
11	·17	—	—	·01	·89	—	·23	·02	—	—	—	—	11
12	·45	—	—	—	1·16	—	·85	·06	·01	·20	—	—	12
13	·03	—	—	·33	·25	—	·12	—	·18	·51	·06	·28	13
14	·34	—	—	·02	Tr	—	—	—	·01	—	·22	·20	14
15	·22	—	—	—	·38	—	·10	—	—	·19	·70	·10	15
16	·52	—	—	—	Tr	—	·01	·02	—	·19	·20	1·28	16
17	Tr	—	—	—	—	—	·20	·03	—	·41	·14	1·00	17
18	·02	—	—	—	·24	—	·14	·02	·02	·12	·11	·78	18
19	·01	—	Tr	·07	·11	—	—	—	—	·30	—	·29	19
20	·05	Tr	·21	·29	·06	—	—	1·18	—	·26	—	·05	20
21	·12	—	·88	·01	—	—	·03	·25	—	·64	—	·06	21
22	·02	—	·01	·11	—	—	·12	—	—	·20	—	·35	22
23	—	·02	—	·04	—	—	·50	—	—	·29	—	·24	23
24	·44	—	·01	·02	·02	·01	·02	—	·31	·01	—	·03	24
25	—	—	—	·15	·07	·01	·10	—	·29	·53	—	—	25
26	—	—	—	—	·05	·02	·23	·16	·13	·41	·04	·07	26
27	—	—	·50	·29	—	·63	·02	—	—	·07	—	·41	27
28	—	—	·01	·02	·20	—	·17	·02	—	Tr	—	·05	28
29	—	—	1·21	·12	·04	·29	·48	·34	·08	1·03	·35	·23	29
30	·01	×	·09	·06	·02	·79	·07	·22	·11	·13	·30	·02	30
31	·01	×	—	×	—	×	—	·13	×	·12	×	·14	31
TOTAL	4·67	·02	3·53	3·21	3·52	1·80	4·32	2·60	4·45	7·50	2·43	6·27	YEAR'S TOTAL 44·32
*Days with ·01 in. or more.	24	1	13	22	15	8	22	15	19	26	14	23	202
*Days with .04 in. or more.	16	—	8	17	12	4	16	8	16	23	12	19	151

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*See Instruction 2 (*f*) on other side,

(*Signed*) Geoff Dixon Lieut-Colonel

P.T.O.

✓KJ

COPY FOR OFFICIAL USE.

Section **A:** for the entry of Daily Observations.

Station No. ~~3655~~ 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

File No 907502/29

Kept at Fern Bank St Bees
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level 60 ft.

400.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Oct
1·19
·02
·55
20

Nov
·55(?)

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·18	·15	·14	—	—	·35	—	·07	—		·24	—		1
2	·62	—	·05	·04	—	·72	—	·04	Tr		—	—		2
3	·17	·73	·20	—	·66	—	—	·01	—		·02	—		3
4	·76	·17	·07	—	·29	—	—	—	—		·09	—		4
5	·03	·05	·42	—	·05	—	—	—	—		·02	—		5
6	—	·21	·05	—	·30	—	—	—	—		—	—		6
7	·06	·15	—	—	·08	—	·36	·03	—	1·19	—	·02		7
8	·13	·01	·93	·35	·08	—	·07	—	—	·02	10	—		8
9	—	·33	·03	Tr	·05	—	·87	—	—	·55	08	Tr		9
10	·20	·02	—	—	—	·09	·09	—	—	·20	T	Tr		10
11	—	—	—	·13	—	—	·07	—	—	·10	—	·37		11
12	·14	—	—	—	—	—	·04	—	—	·09	·24	Tr		12
13	—	—	·05	—	·18	—	·18	·24	—	05	·59	—		13
14	·57	—	·05	—	—	—	·11	·03	Tr	—	·55(?)	—		14
15	·07	·01	·23	·01	·03	·08	·05	·52	—	35	·02	—		15
16	—	—	·26	·16	·31	·31	—	·04	—	·12	—	—		16
17	—	—	·37	Tr	—	·24	·01	·05	·11	05	03	·03		17
18	·02	—	·04	—	—	·30	—	10	—	—	03	·08		18
19	—	—	·11	Tr	—	·02	—	—	·99	—	49	01		19
20	—	·25	—	—	·04	·01	—	·03	·34	—	—	—		20
21	—	—	—	—	—	—	—	—	—	Tr	—	—		21
22	—	—	—	—	·31	—	—	—	—	·12	—	—		22
23	—	—	—	·25	—	—	—	—	—	—	—	Tr		23
24	—	·27	—	·55	·34	·05	·06	·02	·08	·02	—	·06		24
25	—	·53	—	·06	—	—	·13	·04	·11	—	—	·15		25
26	—	·58	—	·51	—	—	—	—	·17	·15	—	16		26
27	—	13	—	·05	—	—	·22	—	—	Tr	—	02		27
28	—	·09	—	—	—	—	·12	·85	—	·12	—	—		28
29	—	×	·01	—	—	—	·03	·01	—	·01	—	·22		29
30	·19	×	·01	02	—	Tr	·61	—	—	12	—	·06		30
31	·36	×	·09	×	—	×	·02	37	×	11	×	17		31
TOTAL	3·50	3·68	3·11	2·13	2·72	2·17	3·04	2·45	1·80	3·37	2·50	1·35	Year's Total 31·82	✓
*Days with ·01 in. or more.	14 ✓	16 ✓	18 ✓	11 ✓	13 ✓	10 ✓	17 ✓	16 ✓	6 ✓	17 ✓	13 ✓	12 ✓	163	✓
*Days with ·04 in. or more.	12 ✓	13 ✓	15 ✓	9 ✓	12 ✓	8 ✓	15 4	10 ✓	6 ✓	14 ✓	8 ✓	8 ✓	~~130~~ 129	

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) George Dixon
Lieut. Colonel

P.T.O.

COPY FOR OFFICIAL USE. ✓✓✓J.

Section A **for the entry of Daily Observations.** **Station No.** 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Yew Bank St Bees

in the County of Cumb

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 60 ft.

Feb 24th & 26th 0.11 by surrounding stations. [illegible] 23/4/35

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·71	·01	·37	—	·06	—	—	·07	·13	—	—	·50		1
2	Tr	—	·07	—	—	—	—	·16	·18	—	22	·70		2
3	·43	—	—	—	—	—	—	—	·17	·18	57	·75		3
4	·27	—	·04	—	·10	—	—	—	·02	·42	Tr	·57		4
5	—	—	·09	—	·30	—	—	·17	—	—	—	·55		5
6	·27	·02	·85	·04	·62	—	Tr	·04	·11	·72	—	·08		6
7	·15	·05	·03	·04	·03	—	—	Tr	·02	·02	·25	·20		7
8	·01	Tr	·05	—	·70	—	—	·12	·18	·14	04	·15		8
9	17	Tr	·01	·15	·01	—	—	·17	·09	·18	·08	·27		9
10	·27	[illegible]	07	—	—	—	—	32	·12	·06	·02	·01		10
11	·31	—	·01	·48	—	—	—	·09	·02	—	Tr	·27		11
12	—	—	·02	·38	Tr	—	—	·01	—	08	—	·15		12
13	·23	—	—	·17	·85	—	07	·26 1·41	—	08	—	·17		13
14	·15	—	36	·07	·04	17	—	—	—	32	·02	·19		14
15	·14	·01	·02	·04	·58	02	·07	·36	·18	—	—	·04		15
16	·53	—	35	·02	·09	—	—	—	—	·07	·03	Tr		16
17	·10	—	·04	·15	·30	—	·02	—	22	·01	—	·56		17
18	·37	—	·03	·09	·22	·75	—	·12	·08	·02	·01	28		18
19	—	·02	·02	—	·22	·25	·03	14	·31	·22	·15	·11		19
20	—	Tr	—	·37	·35	Tr	·01	·30	·02	·04	·01	—		20
21	·03	—	·13	—	·03	·37	·05	·14	·38	·50	·01	·02		21
22	·53	—	·02	·01	Tr	—	·01	·05	·68	·01	·05	—		22
23	·04	—	17	·48	—	—	01	12	Tr	·55	·12	·08		23
24	—	15?	·02	·06	·23	·01	·12	Tr	09	·96	—	Tr		24
25	·11	—	05	·20	Tr	—	18	—	·60	·66	·01	56		25
26	·04	—	·01	Tr	Tr	·55	·11	—	·20	·70?	—	20		26
27	—	—	—	02	—	·07	·17	·25	·06	·22	·05	31		27
28	—	Tr	—	Tr	—	06	07	·77	·13	·43	—	48		28
29	·01	X	—	—	—	—	·22	·01	·24	·02	—	18		29
30	·40	×	Tr	—	—	—	·04	·36	·81	·07	—	13		30
31	·02	×	—	×	—	×	—	·13	×	Tr	×	·16		31
TOTAL	5·29	·26	1·93	2·77	3·93	2·25	1·12	3·90	5·04	6·48	1·64	7·04	Year's Total 44·65	
*Days with ·01 in. or more.	23	6	23	17	17	9	15	4	24	25	16	27	223	
*Days with .04 in. or more.	19	2	13	14	14	7	9	19	20	20	9	25	171	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Geoff Dixon Lieut Colonel [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Yew Bank St Bees

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 60 ft.

400

Nov. corrd. for Auth. CR.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·36	·11	—	Tr	·07	—	·07	—	·80	·07	·04	·33		1
2	·01	·10	Tr	—	—	·12	—	—	·18	·83	·26	·13		2
3	Tr	·15	·17	—	—	·04	Tr	—	—	·01	·24	03		3
4	—	·10	·01	—	—	·09	—	Tr	·02	·07	Tr	·11		4
5	—	·12	·08	—	—	·04	·01	Tr	·08	·04	·19	·06		5
6	·02	—	—	Tr	—	·31	—	—	—	·01	·12	·03		6
7	—	—	—	·18	—	·30	—	—	—	·75	Tr	·28		7
8	—	—	—	·17	—	·18	—	·04	Tr	·04	·01	·40		8
9	·10	—	—	·58	—	Tr	·20	—	—	1·04	·08	·01		9
10	·05	·31	—	·01	—	·31	·06	—	Tr	·09	02	—		10
11	·30	·01	—	—	—	·24	—	·12	—	·16	26	—		11
12	—	·20	—	—	—	·10	—	—	·14	·04	17	—		12
13	·10	·04	—	—	·24	—	Tr	Tr	·03	·12	·30	—		13
14	·01	·04	·01	·01	—	·61	·01	Tr	·18	01	26	·29		14
15	Tr	·20	—	·31	·36	·02	Tr	·01	·24	·19	35	·04		15
16	—	·50	·02	·56	·07	·13	·12	·06	·44	Tr	·42	—		16
17	—	—	—	·15	Tr	·21	Tr	·06	·12	·19	·46	—		17
18	—	·11	·07	—	·08	·04	·04	·01	1·11	·22	Tr	—		18
19	·01	·47	—	·20	·05	·67	1·23	·02	Tr	·02	·08	—		19
20	—	·24	·01	·34	—	23	Tr	—	—	—	·17	·09		20
21	—	—	·20	·03	—	—	·02	Tr	·36	03	Tr	—		21
22	—	·08	·04	·01	—	—	·03	—	·04	Tr	Tr	—		22
23	·01	·38	·10	·02	—	Tr	·01	·02	·10	·60	Tr	—		23
24	·22	·28	·15	—	—	—	—	·01	·80	·05	Tr	·11		24
25	·17	—	·01	—	—	—	—	·08	Tr	·05	·12	·02		25
26	—	·05	—	—	—	·38	·01	1·20	·46	·42	—	·16		26
27	—	·22	—	—	—	·09	·22	—	·16	·22	·57	·07		27
28	·08	·04	—	—	·01	Tr	Tr	·12	·19	·41	·12	Tr		28
29	Tr	X	·13	Tr	—	·13	—	·47	·85	·07	·02	·18		29
30	09		Tr	Tr	—	35	—	·11	26	26	·28	·02		30
31	15		—		—		—	Tr		02		·30		31
TOTAL	1·68	3·75	1·00	2·57	·88	4·53	2·03	2·33	6·56	6·03	~~4·48~~ 4·54	2·67	Year's Total ~~38·5~~	38·57
* Days with .01 in. or more.	15	21	13	13	7	21	13	14	20	28	22	19	206	
* Days with .04 in. or more.	10	20	8	8	6	18	7	9	18	22	19	14	159	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Gene Dixon
Lieut Colonel

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Fern Bank St Bees

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 60 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·13	·22	Tr	·01	—	·03	·07	·72	·14	—	·46	·23		1
2	·01	Tr	—	—	Tr	Tr	Tr	·09	·70	—	·42	·23		2
3	Tr	—	Tr	—	~~Tr~~	·04	Tr	·05	·05	—	·01	·23		3
4	·56	·02	·53	—	—	Tr	·09	·03	·36	Tr	·37	·17		4
5	·30	·05	·76	—	Tr	06	Tr	·55	·15	—	·14	·28		5
6	·26	Tr	·01	—	·08	Tr	·34	54	1·15	—	·57	—		6
7	Tr	—	·17	—	Tr	Tr	Tr	Tr	·07	—	·38	·37		7
8	·24	—	·29	—	—	—	—	·11	Tr	Tr	·07	—		8
9	·57	—	·17	—	—	·05	—	·22?	·32	—	·23	01		9
10	·19	—	Tr	—	—	Tr	·03	—	·02	—	·23	—		10
11	03	—	—	·01	—	·09	·02	·19	·28	Tr	·19	1·17		11
12	Tr	—	—	·04	·01	·02	·02	Tr	·35	Tr	·02	·01		12
13	—	—	—	·02	·03	Tr	·03	·31	·17	·21	·27	1·53		13
14	—	—	—	·07	Tr	·85	Tr	·29	·27	·01	·16	·53		14
15	·02	—	Tr	Tr	·15	·52	—	·01	—	·12	·08	·36		15
16	Tr	Tr	·07	·08	·10	·41	·04	·03	Tr	·05	·54	Tr		16
17	·08	·39	·01	Tr	·15	·23	·07	·18	—	·07	·06	·43		17
18	·05	·12	—	·01	Tr	Tr	·10	·23	·01	·47	—	Tr		18
19	·36	·20	·06	—	—	·29	·39	17	—	Tr	·01	Tr		19
20	·43	·53	·24	Tr	—	Tr	·17	Tr	—	·19	Tr	·05		20
21	·06	·22	·07	Tr	—	·04	Tr	Tr	—	·01	Tr	·17		21
22	·07	·20	·13	Tr	Tr	·88	·21	Tr	—	·06	Tr	Tr		22
23	·03	·06	·01	·12	Tr	—	·52	Tr	—	·12	·04	Tr		23
24	01	Tr	Tr	·13	·50	—	·10	—	·69	·48	Tr	Tr		24
25	·32	·02	Tr	·02	Tr	—	·13	—	·48	·08	—	·02		25
26	·20	·10	·05	03	—	—	Tr	—	·02	·41	—	Tr		26
27	·20	Tr	·19	Tr	—	—	Tr	—	—	·19	·02	—		27
28	·12	·16	·11	·08	01	·07	·62	—	—	·03	·07	·05		28
29	·03	·20	42	Tr	·11	·48	01	Tr	—	·24	·06	·01		29
30	·14	✕	Tr	Tr	·02	·13	·57	Tr	—	·12	·07	04		30
31	Tr	✕	·05	✕	Tr	✕	·01	Tr	✕	·46	✕	·12		31
TOTAL	4·41	2·49	2·74	·62	1·16	4·19	3·54	3·72?	5·23	3·37	4·46	6·01	Year's Total 41·94	
* Days with .01 in. or more.	24	14	18	12	10	16	20	16	17	18	23	20	208	
* Days with .04 in. or more.	18	12	15	6	6	14	14	13	14	15	19	16	162	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) George Dixon
Lieut Colonel

[P.T.O.

File no. 9075 02/29

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Fern Bank St Bees

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 60 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·01	Tr	·07	—	—	[illegible]	·12	—	·72	·38	Tr	·17		1
2	·04	·38	·05	23	—	·17	·01	—	·04	·02	Tr	Tr		2
3	·03	·55	·01	Tr	·06	·63	1·11	—	—	Tr	—	·08		3
4	·25	Tr	Tr	·15	·03	·10	·12	Tr	·44	—	·02	·56		4
5	·55	—	Tr	13	—	·18	·84	Tr	·33	—	—	·04		5
6	Tr	·01	Tr	21	·23	·29	·13	·06	Tr	Tr	—	—		6
7	·01	·22	Tr	·25	Tr	·01	·02	—	·03	—	—	·02		7
8	·04	·35	Tr	·15	—	·13	·88	·04	Tr	—	—	Tr		8
9	·01	·02	·05	·09	·10	·03	·23	·42	·06	—	—	Tr		9
10	·05	·05	Tr	Tr	04	·05	Tr	—	Tr	—	—	1·30 ✱		10
11	·09	—	·10	—	—	·08	·03	—	Tr	—	—	·06 ✱		11
12	1·35	·19	·04	·02	·02	·06	·09	·34	·80	·01	—	·28		12
13	·01	·18	Tr	Tr	—	·01	—	1·72	Tr	Tr	—	·22		13
14	—	·07	Tr	—	—	—	·37	17	·14	·03	—	·12		14
15	·42	·61	·02	·72	—	Tr	—	Tr	·20	—	Tr	—		15
16	·03	·14	·66	·32	—	—	—	·40	Tr	—	—	Tr		16
17	·33	·24	·26	·14	—	—	—	Tr	·04	—	Tr	—		17
18	Tr	·33	·11	Tr	—	—	·07	·15	—	—	·21	—		18
19	·04	·13	·03	·85	—	·03	—	Tr	—	—	·24	—		19
20	·12	·10	Tr	·04	·36	—	·57	—	—	·03	·01	·24		20
21	·31	·17	·02	·18	·05	—	·79	—	Tr	·07	·01	22		21
22	·05	Tr	Tr	·01	·35	—	·06	—	—	·78	·06	·37		22
23	·04	—	·11	—	·04	—	·13	—	·09	·85	Tr	11		23
24	·21	·05	·11	—	·01	—	Tr	Tr	·18	·19	·03	·03		24
25	·11	31	·02	—	—	—	—	—	Tr	·37	·01	·07		25
26	—	·39	Tr	—	·11	—	—	—	·04	·40	Tr	·03		26
27	Tr	·46 ✱	—	·19	·05	01	·07	—	·02	·37	13	·02		27
28	Tr	Tr	—	—	—	·09	—	—	—	·04	—	·01		28
29	·04	X	—	—	—	05	—	Tr	01	·27	·28	—		29
30	·10	×	Tr	—	—	·20	—	—	59	·36	·23	Tr		30
31	·13	×	—	×	04	×	—	·26	×	14	×	—		31
TOTAL	4·37	4·95	1·66	3·68	1·49	2·12	5·64	3·56	3·73	4·31	1·23	3·95	Year's Total 40·69	✓
* Days with .01 in. or more.	25	21	15	16	14	17	18	9	16	16	11	19	197	✓
* Days with .04 in. or more.	20	19	10	14	11	12	15	9	12	12	6	14	154	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

✱ Snow

(Signed) Lieut Colonel

[P.T.O.

File No 907502/29

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Fern Bank St Bees

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

,, Ground ,, Sea Level 60 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	Tr	·05	—	Tr	—	1·36	—	Tr	·23	Tr	·15	·04		1
2	Tr	·02	Tr	·29	—	·41	Tr	—	·11	·80	·18	·32		2
3	—	·01	—	Tr	—	·16	·27	—	·09	1·50	·39	Tr		3
4	Tr	Tr	·02	·08	—	·10	·10	·01	Tr	·10	·08	1·08		4
5	·01	·01	—	—	—	·10	·01	—	·47	·10	Tr	·01		5
6	·14	·01	Tr	—	—	·72	·03	Tr	·18	·50	Tr	Tr		6
7	·02	Tr	—	—	—	Tr	·69	·08	—	·09	·12	·01		7
8	·29	·18	·01	—	—	Tr	·20	·16	—	·62	·21	·02		8
9	·24	·11	Tr	—	—	·04	·05	·01	—	Tr	Tr	·40		9
10	·25	·02	·01	—	—	·02	·18	—	·01	·01	Tr	11		10
11	·27	·03	Tr	—	·41	·24	·06	—	·04	·33	·30	·17?		11
12	·31	Tr	—	—	·46	Tr	·60	—	·01	·91	1·36	·03		12
13	Tr	Tr	—	—	·19	—	·18	·01	·01	03	·19	·08		13
14	·77	—	—	—	·13	—	Tr	—	—	Tr	Tr	·02		14
15	·34	—	·18	Tr	·48	—	—	·33	·02	·36	—	·31		15
16	·38	Tr	Tr	—	·15	—	Tr	·08	1·00	·29	·14	·01		16
17	Tr	—	—	—	·42	Tr	·11	·39	·17	·93	·09	—		17
18	·13	Tr	·05	—	Tr	·04	Tr	·27	Tr	·18	·67	—		18
19	Tr	—	42	—	—	·01	·06	·08	09	Tr	·02	·01		19
20	·02	—	·76	—	—	—	·02	·25	·35	—	·03	—		20
21	—	Tr	Tr	Tr	·05	Tr	—	·09	·05	·33	·68	·01		21
22	Tr	—	—	Tr	·27	·02	—	Tr	01	·02	·45	—		22
23	·08	—	·01	—	·27	·20?	—	·08	·11	Tr	·16	—		23
24	·13	·09	·12	—	Tr	·09	·11	·02	·56	·55	·37	Tr		24
25	·01	·15	·06	—	·18	Tr	·56	—	Tr	·07	·10	·60		25
26	·06	·61	·22	—	·24	·48	·10	—	—	·27	·06	·09		26
27	·24	·22	Tr	—	·03	07	·47	·48	—	·01	·71	Tr		27
28	·17	·01	·01	—	Tr	1·00	·25	·01	·02	·04	03	·06		28
29	·03	X	—	—	·41	·02	1·94	—	·02	·76	·63	·25		29
30	·18	✕	—	—	Tr	—	·54	—	·09	·01	71	·05		30
31	·16	✕	—	✕	·38	✕	Tr	·06	✕	42	✕	·75		31
TOTAL	4·23	1·55	1·86	·37	4·06	5·08	6·33	2·41	3·64	9·23	7·23	4·43	Year's Total 50·42	✓
* Days with .01 in. or more.	22	14	19	2	15	18	21	17	21	25	24	22	~~221~~ 220	✓
* Days with .04 in. or more.	17	7	7	2	14	14	18	12	14	20	21	14	160	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) George Dixon
Lieut Colonel

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations File No 907502/29 Station No. 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Fern Bank St Bees

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 60 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·07	—	·81	·08	—	—	·11	·05	·10	—	—	·29		1
2	—	01	·39	·09	—	—	·20	·24	·50	—	Tr	·17		2
3	·01	Tr	·11	·07	Tr	—	·02	·01	·29	—	01	53		3
4	—	·71	·42	Tr	·04	—	·15	—	Tr	—	Tr	08		4
5	·01	·02	·01	—	Tr	—	·41	—	—	·10	·44	—		5
6	·42	·22	·01	—	Tr	—	·28	·01	·01	·01	·03	—		6
7	·53	·08	·07	·01	—	—	·04	—	·08	Tr	·06	·10		7
8	79	1·12	·12	·51	—	—	·15	·10	·02	·02	·11	26		8
9	·34	·35	Tr	·01	Tr	Tr	Tr	·96	·24	·30	Tr	41		9
10	·03	Tr	·03	—	—	·06	—	·20	·66	1·02	·23	·35		10
11	·02	·28	·22	Tr	Tr	·22	—	02	Tr	04	·02	Tr		11
12	·14	·02	Tr	·30	—	01	·05	—	·23	·04	·01	—		12
13	·01	Tr	·02	·10	·10	·12	·87	—	Tr	Tr	·24	—		13
14	·60	Tr	·01	·09	·04	·60	·15	—	—	—	·35	—		14
15	·30	Tr	·03	·40	Tr	·48	·26	Tr	Tr	·07	·46	—		15
16	·08	01	Tr	·01	Tr	Tr	·62	—	—	01	·20	—		16
17	·34	·06	·01	—	—	·39	·01	—	—	—	·04	—		17
18	·02	·11	·27	—	—	·02	·04	—	—	Tr	·43	01		18
19	·27	Tr	—	Tr	Tr	—	·22	·15	—	—	Tr	01		19
20	·11	·02	Tr	—	·09	·03	·07	Tr	—	·01	Tr	—		20
21	·12	·42	·20	·08	·06	Tr	·01	·29	—	·01	—	Tr		21
22	·23	·16	·02	·11	—	—	·13	·01	—	·11	·24	—		22
23	·05	·29	·02	·15	Tr	·05	·18	—	—	·05	·04	—		23
24	Tr	·18	·05	—	—	Tr	·01	—	Tr	—	Tr	01		24
25	·16	Tr	Tr	·11	—	—	—	Tr	—	—	1·02	—		25
26	·01	Tr	—	·05	·02	—	—	·18	—	·01	·02	·02		26
27	Tr	·22	Tr	—	—	·76	·33	Tr	—	—	·29	·08		27
28	—	·04	·07	Tr	—	·56	·74	—	—	01	·50	—		28
29	—	✕	·02	Tr	—	·02	·16	·01	—	·03	·12	01		29
30	Tr	✕	Tr	—	—	·02	·08	—	—	Tr	·36	Tr		30
31	—	✕	—	✕	—	✕	·12	—	✕	—	✕	—		31
TOTAL	4·66	3·62	2·91	2·17	·35	3·34	5·41	2·23	2·13	1·84	5·24	2·33	Year's Total 3623	✓
* Days with .01 in. or more.	23	·19	·21	·16	6	14	26	13	9	16	22	14	199	✓
* Days with .04 in. or more.	16	14	11	11	3	9	20	8	7	6	15	9	129	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) George Dixon
Lieut Colonel

[P.T.O.

File number 907502/29 COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3655

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Fern Bank St Bees

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 60 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	—	—	·14	—	Tr	06	—	Tr	—	·16	·14		1
2	—	—	—	·23	—	—	·21	—	—	Tr	·60	·38		2
3	—	·07	·01	·01	—	—	·05	—	Tr	·02	Tr	·05		3
4	Tr	·22	—	—	·26	—	·01	·08	·04	·02	Tr	·29		4
5	—	—	—	—	—	—	Tr	—	Tr	·69	21	·57		5
6	·08	·07	—	·08	—	—	·43	Tr	—	·62	·04	·05		6
7	·18	·03	·01	·27	·30	—	·01	·03	·09	·02	—	·01		7
8	01	—	·07	—	—	—	·07	·09	·02	1·18	·37	·43		8
9	—	—	·52	·02	—	—	·26	·08	·30	·41	·62	·06		9
10	—	—	·13	·01	—	Tr	·44	·01	—	·11		·27		10
11	—	Tr	·98	·04	—	—	·64	—	·06	Tr	·80	—		11
12	—	—	·95	—	—	Tr	·15	·15	·56	—	·16	01		12
13	—	·01	·07	·01	—	—	·08	·08	·30	—	·12	·30		13
14	Tr	·02	·04	·11	Tr	—	·16	·06	·01	·01	·04	·60		14
15	Tr	—	·02	·01	·54	Tr	·01	Tr	—	·01	·12	·22		15
16	·02	·01	·06	—	—	—	·30	Tr	·90	·23	·01	·11		16
17	—	—	·33	—	Tr	—	·25	01	·07	·02	·01	·19		17
18	·11	·05	·10	·03	—	—	·11	·35	·43	Tr	—	·48		18
19	·56*	·23	·18	·21	—	—	·06	Tr	·09	·01	1·15	·01		19
20	—	·01	·16	·33	—	—	·04	·24	·02	·64	·19	—		20
21	·02	—	·22	·06	—	·57	—	Tr	·01	·01	·02	—		21
22	—	·03	·02	—	·02	·11	—	Tr	·27	—	·01	·01		22
23	·38*	·06	·07	·28	—	—	·29	·05	·01	Tr	·17	·01		23
24	1·20*	Tr	—	01	Tr	—	·06	01	—	—	·02	·01		24
25	02	·05	—	—	·26	·06	Tr	—	Tr	—	·02	Tr		25
26	·35	·43	·03	—	·01	·04	—	·03	·01	—	·26	—		26
27	·21*	·14	—	—	·09	Tr	Tr	—	—	—	·02	·01		27
28	·19*	—	·07	—	·02	—	Tr	·04	—	·01	—	·18		28
29	—	·01	·39	·04	Tr	·28	·29	Tr	—	·06	·05	·37		29
30	—	×	·03	02	·03	Tr	Tr	Tr	—	·27	·04	·38		30
31	·13	×	·42	×	·04	×	—	·02	×	·41	×	·01		31
TOTAL	3·46	1·44	4·88	1·91	1·57	1·06	3·98	1·33	3·19	4·75	5·21	5·15	Year's Total 37·93	
* Days with .01 in. or more.	14	16	23	19	10	5	22	16	17	19	25	26	212	
* Days with .04 in. or more.	10	9	17	11	6	5	19	10	11	10	18	18	144	

* Snow

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) George Dixon Lieut Colonel P.T.O.

ENNERDALE (GILLERTHW

FORM 1090.

B

3655/5

3655/5

ENNERDALE, GILLERTHWAITE

1935 —— 40

780704

⁎ **The following register of m** **on and also the space for**
&c., is NOT required if d
values are given on the ot

is register should be sent:—

RAINFALL IN 19

At Gillerthwaite

In the County of Cum

met - Cumberland)

M in Summer 10 A.M.

Rain Gauge
- Diameter of Funnel
- *Height of Top above Ground*
- *Height of Ground above Sea Le*

nce 5 3/4 miles Direction from gauge N. W.

nce 1 3/4 miles Direction from gauge W.

			wall	wall
			5 ft	5 ft
			55 yds	128 yds
gauge ..	North	South	East	West

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches	Inches	Dat		
JAN.	4·75				
FEB.	11·09				
MAR.	1·58				
APRIL	5·10				
MAY	0·85				
JUNE	6·20				
JULY	3·37				
AUG.	6·00				
SEPT.	13·35				
OCT.	11·25				
NOV.	9·10				
DEC.	4·45 ✓				
Total	77·09 ✓				

Pink

Signature H Hough Watson.

H. H. WATSON

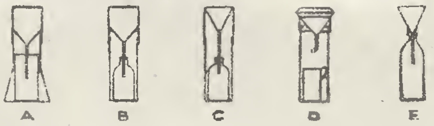
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move —— Distance —— Direction ——

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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NK

N

ENNERDALE (GILLERTHW

3655/5

FORM 1090.

B Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1935

At Gillerthwaite Ennerdale

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft *in.*
- *Height of Ground above Sea Level* 445 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·75				
FEB.	11·09				
MAR.	1·58				
APRIL	5·10				
MAY	0·85				
✓ JUNE	6·20				
JULY	3·37				
✓ AUG.	6·00				
✓ SEPT.	13·35				
✓ OCT.	11·25				
✓ NOV.	9·10				
DEC.	4·45 ✓				
Total	77·09 ✓				

Prin

Signature H Houghwatson.

H. H. WATSON

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

H Houghwatson
Braystones, Beckermet - Cumberland.

Hour of observation by the clock—in Winter 9 AM in Summer 10 AM.

Nearest Railway Station Rowrah Distance 5 3/4 miles Direction from gauge N. W.

Nearest Parish Church at Ennerdale Bridge Distance 4 3/4 miles Direction from gauge W.

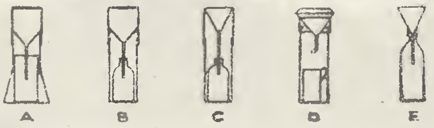
Nature of objects nearest to gauge	Mountain	Mountain	Wall	Wall
Height of objects	2,085 ft	1,410 ft	5 ft	5 ft
Distances	1·1 miles	1,144 yds	55 yds	128 yds
Directions from gauge	North	South	East	West

If gauge has been moved during the year state—

Date of move — Distance — Direction —

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



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D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3655/5

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Ennerdale, Gillerthwaite

In the County of Cumberland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 445 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	12·30				
FEB.	5·01				
MAR.	6·47				
APRIL	1·72				
MAY	1·70				
JUNE	7·68				
JULY	9·84				
AUG.	5·66				
SEPT.	7·66				
OCT.	7·90				
NOV.	10·29				
DEC.	14·61				
Total	90·84				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3655/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Ennerdale, Gillerthwaite

In the County of Cumberland

Rain Gauge {
Diameter of Funnel........................in.
Height of Top above Ground.........ft.............in.
Height of Ground above Sea Level.................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	12·70				
FEB.	11·68				
MAR.	4·74				
APRIL	6·13				
MAY	2·12				
JUNE	6·21				
JULY	5·19				
AUG.	4·14				
SEPT.	8·63				
OCT.	4·61				
NOV.	2·05				
DEC.	7·08				
TOTAL	75·28				

Signature ....

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register ~~should~~ be sent :—

TRAVELLING FORM.
FORWARDED MONTHLY

Hour of observation by the clock—in Winter..........................in Summer...................

Nearest Railway Station.. Distance.................. Direction from gauge.............

Nearest Parish Church at.. Distance.................. Direction from gauge.............

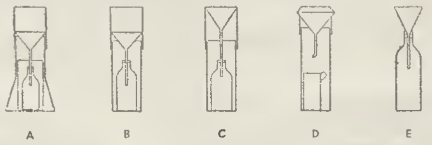
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction...........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Ennerdale, Gillerthwaite

In the County of Cumberland

Rain Gauge
- Diameter of Funnel.......................in.
- *Height of Top above Ground.........ft............in.*
- *Height of Ground above Sea Level.................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11·57				
FEB.	4·67 ✓				
MAR.	6·37				
APRIL	1·12 ✓				
MAY	8·85 ✓				
JUNE	11·25 ✓				
JULY	16·99 ✓				
AUG.	5·75				
SEPT.	6·22 ✓				
OCT.	19·47 ✓				
NOV.	14·05 ✓				
DEC.	7·91 ✓				
TOTAL	114·~~67~~ ✓	114·22 ✓			

Signature H Hough Watson

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer....................

Nearest Railway Station.................................. Distance.................. Direction from gauge............

Nearest Parish Church at.................................. Distance.................. Direction from gauge............

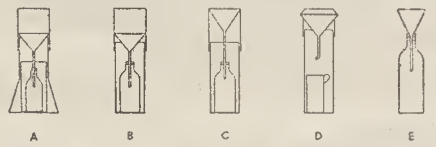
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Annual total corrected for arithmetic

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3655/5

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Ennerdale, Gillerthwaite

In the County of Cumberland

Rain Gauge {
Diameter of Funnel..........................in.
Height of Top above Ground.........ft...........in.
Height of Ground above Sea Level................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·17				
FEB.	12·05				
MAR.	7·05				
APRIL	5·10				
MAY	1·00				
JUNE	7·75				
JULY	12·70				
AUG.	3·65				
SEPT.	4·20				
OCT.	2·90				
NOV.	13·65				
DEC.	4·80				
TOTAL	~~84·12~~				

84·02

Signature H. Hough Watson

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter..................in Summer....................

Nearest Railway Station.................................. Distance.................Direction from gauge..............

Nearest Parish Church at................................ Distance.................Direction from gauge..............

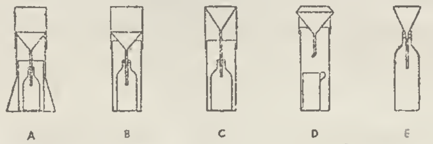
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3655/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Ennerdale, Gillerthwaite

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM:
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
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25														25
26														26
27														27
28														28
29														29
30		✕												30
31		✕		✕		✕			✕		✕			31
													Year's Total	
TOTAL	4·45	3·20	10·75	3·00	1·80	1·50	8·10	4·30	8·50	7·40	10·00	11·80	74·80	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) H. Hough Watson

[P.T.O.

3656

Section **A** for the entry of

AIR MINISTRY

PY FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

REGIST

Kept at Stanley Pon

in the County of Cumbe

Diameter of Funnel of Gauge 1

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

THE MORNING MEASUR

An observer who does not conform to th
year in the space on the right of this

P

ving

Jan. 1, following
·87

3656
STANLEY POND
1931 —— 40

780704

Date	Jan.	Feb.	March	A							Nov.	Dec.	Date
	in.	in.	in.								in.	in.	
1	—	0·55	—	—	—	0·04	—	—	—	0·09	0·12	—	1
2	0·06	—	—	0·04	—	—	—	—	0·52	0·52	—	0·29	2
3	—	—	—	0·05	—	1·17	—	—	1·03	—	0·56	2·48	3
4	—	—	—	—	—	0·09	0·07	—	0·20	0·07	2·07	0·52	4
5	—	—	—	0·15	—	—	0·01	—	—	0·02	0·37	—	5
6	—	0·20	—	—	0·18	0·93	0·80	0·45	—	0·03	—	0·75	6
7	—	0·11	—	—	0·12	0·43	0·10	0·04	0·17	0·87	0·33	—	7
8	—	0·27	—	—	0·03	0·21	—	—	—	0·87	0·01	0·20	8
9	0·07	0·33	—	0·02	—	0·07	0·33	0·32	—	0·02	0·26	—	9
10	0·09	0·20	0·01	—	0·57	0·46	0·60	—	0·25	0·52	0·37	0·07	10
11	0·11	0·24	—	—	0·47	0·09	0·04	—	—	—	0·54	—	11
12	0·09	0·32	—	—	—	0·06	1·16	0·02	0·36	—	0·12	—	12
13	0·04	—	0·09	0·04	—	—	0·27	0·11		0·11	0·01	—	13
14	—	—	0·28	0·02	0·11	0·11	0·17	0·16		—	0·97	0·03	14
15	0·10	0·42	—	0·01	0·03	1·40	—	0·07		—	0·93	0·06	15
16	0·06	0·16	0·02	0·19	—	1·07	—	0·33		—	—	—	16
17	0·14	0·04	—	0·15	—	0·01	—	0·80		—	—	—	17
18	—	0·03	—	—	—	0·03	0·73	—			0·36	—	18
19	0·27	—	—	—	0·01	0·06	—	0·25			0·47	—	19
20	0·05	0·85	0·13	—	—	—	0·17	2·09			0·03	—	20
21	—	0·10	0·16	—	—	0·02	0·03	0·36			0·16	—	21
22	0·59	0·02	0·32	0·03	0·07	0·03	0·10	0·06	0·46		—	—	22
23	0·60	0·07	0·01	0·07	0·03	0·06	0·38	0·02	—		0·32	0·41	23
24	0·23	—	—	0·22	0·24	0·10	0·05	—	—		0·55	1·07	24
25	—	0·59	—	0·26	—	—	0·09	—	—	—	0·72	0·04	25
26	0·29	0·03	—	0·26	0·04	—	—	—	—	—	0·22	0·06	26
27	—	—	—	0·09	0·02	—	—	—	—	—	1·13	—	27
28	0·38	0·09	0·03	0·02	0·11	—	0·25	—	—	0·03	0·16	0·19	28
29	0·32	X	—	0·04	0·04	—	0·10	—	—	0·06	0·10	0·02	29
30	—	X	0·06	—	—	—	0·60	—	0·14	0·56	0·02	—	30
31	0·40	X	—	X	—	X	0·50	—	X	0·16	X	—	31
TOTAL	·55 ~~3·80~~ 4·44	– ~~4·62~~ 4·07	– 1·11	– 1·65	·04 ~~2·07~~ 2·11	– ~~6·44~~ 6·40	– 6·55	– 5·08	·09 ~~3·13~~ 3·22	·12 ~~3·93~~ 3·96	– ~~10·90~~ 10·78	·87 ~~6·19~~ 7·06	YEAR'S TOTAL 56·43 ~~55·66~~
*Days with ·01 in. or more.	~~18~~ 19	~~19~~ 18	10	17	~~15~~ 16	~~20~~ 19	21	14	~~8~~ 9	14	~~25~~ 24	~~14~~ 15	6 19~~8~~
*Days with ·04 in. or more.	~~18~~ 19	~~16~~ 15	6	12	~~10~~ 11	~~16~~ 15	19	12	~~8~~ 9	10	~~21~~ 20	~~12~~ 13	1 16~~8~~

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For THE WHITEHAVEN COLLIERY CO. LTD.

(Signed) W A Johnson

General Manager

P.T.O.

*See Instruction 2 (*f*) on other side.

3656

Section **A** for the entry of Daily Observations. OPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at Stanley Pond

in the County of Cumberland

Diameter of Funnel of Gauge 12 in.

Height of top of Gauge above Ground 2 ft. 11 in.

,, Ground ,, Sea Level 45 ft.

WD

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·87

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	0·55	—	—	—	0·04	—	—	—	0·09	0·12	—	1
2	0·06	—	—	0·04	—	—	—	—	0·52	0·52	—	0·29	2
3	—	—	—	0·05	—	1·17	—	—	1·03	—	0·56	2·48	3
4	—	—	—	—	—	0·09	0·07	—	0·20	0·07	2·07	0·52	4
5	—	—	—	0·15	—	—	0·01	—	—	0·02	0·37	—	5
6	—	0·20	—	—	0·18	0·93	0·80	0·45	—	0·03	—	0·75	6
7	—	0·11	—	—	0·12	0·43	0·10	0·04	0·17	0·87	0·33	—	7
8	—	0·27	—	—	0·03	0·21	—	—	—	0·87	0·01	0·20	8
9	0·07	0·33	—	0·02	—	0·07	0·33	0·32	—	0·02	0·26	—	9
10	0·09	0·20	0·01	—	0·57	0·46	0·60	—	0·25	0·52	0·37	0·07	10
11	0·11	0·24	—	—	0·47	0·09	0·04	—	—	—	0·54	—	11
12	0·09	0·32	—	—	—	0·06	1·16	0·02	0·36	—	0·12	—	12
13	0·04	—	0·09	0·04	—	—	0·27	0·11		0·11	0·01	—	13
14	—	—	0·28	0·02	0·11	0·11	0·17	0·16		—	0·97	0·03	14
15	0·10	0·42	—	0·01	0·03	1·40	—	0·07		—	0·93	0·06	15
16	0·06	0·16	0·02	0·19	—	1·07	—	0·33		—	—	—	16
17	0·14	0·04	—	0·15	—	0·01	—	0·80		—	—	—	17
18	—	0·03	—	—	—	0·03	0·73	—			0·36	—	18
19	0·27	—	—	—	0·01	0·06	—	0·25			0·47	—	19
20	0·05	0·85	0·13	—	—	—	0·17	2·09			0·03	—	20
21	—	0·10	0·16	—	—	0·02	0·03	0·36			0·16	—	21
22	0·59	0·02	0·32	0·03	0·07	0·03	0·10	0·06	0·46		—	—	22
23	0·60	0·07	0·01	0·07	0·03	0·06	0·38	0·02	—		0·32	0·41	23
24	0·23	—	—	0·22	0·24	0·10	0·05	—	—		0·55	1·07	24
25	—	0·59	—	0·25	—	—	0·09	—	—	—	0·72	0·04	25
26	0·29	0·03	—	0·26	0·04	—	—	—	—	—	0·22	0·06	26
27	—	—	—	0·09	0·02	—	—	—	—	—	1·13	—	27
28	0·38	0·09	0·03	0·02	0·11	—	0·25	—	—	0·03	0·16	0·19	28
29	0·32	×	—	0·04	0·04	—	0·10	—	—	0·06	0·10	0·02	29
30	—	×	0·06	—	—	—	0·60	—	0·14	0·56	0·02	—	30
31	0·40	×	—	×	—	×	0·50	—	×	0·16	×	—	31
TOTAL	·55 ~~3·89~~ 4·44	- ~~4·62~~ 4·07	- 1·11	- 1·65	·04 ~~2·07~~ 2·11	- ~~6·44~~ 6·40	- 6·55	- 5·08	·09 ~~3·13~~ 3·22	·12 ~~3·93~~ 3·96	— ~~10·90~~ 10·78	·87 ~~6·19~~ 7·06	YEAR'S TOTAL 56·43 ~~55·56~~
*Days with ·01 in. or more.	~~18~~ 19	~~19~~ 18	10	17	~~15~~ 16	~~20~~ 19	21	14	~~8~~ 9	14	~~25~~ 24	~~14~~ 15	19~~8~~6
*Days with ·04 in. or more.	~~18~~ 19	~~16~~ 15	6	12	~~10~~ 11	~~16~~ 15	19	12	~~8~~ 9	10	~~21~~ 20	~~12~~ 13	16~~8~~1

40-9999

For THE WHITEHAVEN COLLIERY CO. LTD.

(Signed) WH Johnson

General Manager.

P.T.O.

*See Instruction 2 (*f*) on other side.

3656

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3656

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Stanley Pond

in the County of Cumberland

Diameter of Funnel of Gauge 12 in.

Height of top of Gauge above Ground 2 ft 11 in.

,, Ground ,, Sea Level 45 ft.

WD

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following 0.13

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.87	0.01	—	—	0.08	—	0.78	—	0.23	0.06	0.16	0.28	1
2	0.61	—	—	0.63	—	—	—	0.01	1.02	—	0.09	0.51	2
3	0.22	—	—	0.12	0.03	0.03	0.17	0.25	0.39	0.03	0.19	0.26	3
4	0.01	—	—	—	—	—	0.93	—	0.12	0.04	0.08	0.15	4
5	0.11	—	—	—	—	—	0.29	0.04	—	—	—	0.02	5
6	0.28	—	0.16	0.03	—	—	—	—	0.68	—	—	—	6
7	0.11	—	0.48	0.38	—	—	—	—	0.01	0.27	—	—	7
8	—	—	0.17	0.04	—	—	—	—	0.52	0.85	—	—	8
9	0.08	—	—	0.41	—	—	—	—	0.01	0.19	—	—	9
10	1.26	—	—	0.29	—	—	—	—	0.08	0.32	—	—	10
11	0.28	—	0.04	0.06	—	—	—	—	0.49	0.05	—	—	11
12	0.06	—	—	—	0.65	—	0.11	0.01	—	—	—	—	12
13	0.59	—	—	—	1.37	—	0.90	0.07	—	0.47	—	0.02	13
14	0.05	—	—	0.41	—	—	0.07	—	0.15	0.38	—	0.24	14
15	0.41	—	—	—	0.02	—	—	—	—	—	—	0.39	15
16	0.32	—	—	—	0.45	—	0.06	—	—	0.25	—	0.50	16
17	0.50	—	—	—	—	—	—	—	—	0.26	—	1.34	17
18	0.04	—	—	—	—	—	0.21	0.04	0.04	0.64	—	1.21	18
19	0.01	—	—	—	0.27	—	—	—	0.02	—	—	1.10	19
20	—	—	—	0.07	—	—	0.17	—	—	0.71	0.04	0.20	20
21	0.04	—	0.27	0.23	—	—	0.01	✗	—	0.12	—	0.07	21
22	0.16	—	0.48	0.02	—	—	0.07	✗	—	0.70	0.84	0.04	22
23	—	—	—	0.13	—	—	—		—	0.19	0.32	0.59	23
24	—	—	—	—	—	—	0.55		—	0.39	0.29	0.13	24
25	0.58	—	—	—	0.02	—	0.02		0.51	0.13	0.07	0.02	25
26	—	—	—	0.07	—	—	0.11	1.68	0.46	0.43	0.06	—	26
27	—	—	0.01	—	0.11	0.02	0.24	✓	0.20	0.38	0.04	0.50	27
28	—	—	0.46	0.31	—	0.59	0.08	✗	—	0.04	0.10	0.13	28
29	—	—	—	0.02	0.24	—	0.11	✓	—	0.12	—	0.08	29
30	—	X	1.43	0.06	—	0.56	0.52	✗	0.03	1.14	0.47	0.20	30
31	— ·01	X	0.07	0.08 X	—	·78 X	0.04	0.05	·06 X	0.05	·28 X	0.03	31 48.67
TOTAL	5.73 ~~6.59~~	0.0 ~~0.01~~	✓ 3.57	3.36 ~~3.28~~	3.16 ~~3.24~~	1.98 ~~1.20~~	4.66 ~~5.44~~	·23 2.38 ~~2.14~~	4.79 ~~4.96~~	0.16 8.31 ~~8.2x~~	2.87 ~~2.85~~	0.13 7.86 ~~8.01~~	YEAR'S TOTAL ~~49.A1~~
*Days with ·01 in. or more.	21 ✓	~~X~~	10 ✓	~~17~~ 18	~~10~~ 9	~~4~~ 5	~~20~~ 19	~~8~~ 14	17 ✓	25 ✓	13 ✓	23 ✓	~~168~~ 174
*Days with ·04 in. or more.	~~12~~ 18	~~X~~	9 ✓	~~14~~ 15	~~7~~ 6	~~2~~ 3	~~18~~ 17	~~6~~ 10	13 ✓	24 ✓	13 ✓	19 ✓	~~144~~ 147

For THE WHITEHAVEN COLLIERY CO. LTD.

(Signed) WMJohnson [P.T.O.

General Manager.

40-9999

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3656 3656

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Stanley Pond

in the County of Cumberland

Diameter of Funnel of Gauge M.O. Standard Gauge in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 45 ft.

WD

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following 0·17

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·13	0·49	0·11	0·11	—	—	0·02	—	0·45	—	0·12	—	1
2	0·17	0·17	0·16	—	—	0·73	—	0·15	—	—	0·30	—	2
3	0·78	—	0·04	0·04	—	0·31	—	0·11	—	—	—	—	3
4	0·28	1·01	0·10	0·02	0·50	—	—	—	—	—	—	—	4
5	0·82	0·06	0·09	—	0·35	—	—	—	—	—	0·11	—	5
6	0·03	0·09	0·36	—	0·18	—	—	—	—	—	0·01	—	6
7	0·01	0·40	0·06	—	0·34	—	—	—	—	—	—	—	7
8	0·11	0·03	—	—	0·07	—	0·31	—	—	1·05	0·02	—	8
9	0·12	0·04	1·46	0·43	0·15	—	0·07	—	—	0·08	0·11	—	9
10	0·05	—	—	—	0·02	—	1·11	—	—	0·69	0·08	—	10
11	0·16	—	—	—	—	—	0·14	—	—	0·23	—	—	11
12	—	—	—	0·14	—	—	0·06	—	—	0·25	—	0·49	12
13	0·15	—	—	—	—	—	0·10	—	—	0·02	0·73	—	13
14	0·03	—	0·05	—	0·11	—	0·15	0·10	—	0·08	0·22	—	14
15	0·82	—	0·03	—	—	—	0·12	0·85	—	0·02	0·61	—	15
16	—	0·02	0·52	0·06	0·09	0·04	—	—	—	0·42	0·01	—	16
17	—	—	0·03	0·14	0·16	0·44	—	0·05	—	—	—	—	17
18	0·02	—	0·29	—	—	0·27	—	0·30	0·12	0·05	0·02	0·01	18
19	—	—	—	—	—	0·58	—	0·04	—	—	0·17	0·10	19
20	—	0·29	0·13	0·02	0·01	0·02	—	0·04	1·64	—	0·41	—	20
21	—	0·08	—	—	0·02	0·04	—	0·11	—	—	—	—	21
22	—	—	—	—	—	—	—	—	—	0·02	—	—	22
23	—	—	—	—	0·39	—	—	0·02	—	0·08	—	—	23
24	—	—	—	0·19	—	—	—	—	—	0·02	—	—	24
25	—	0·55	—	0·59	0·29	0·01	0·28	0·11	0·09	0·04	—	0·07	25
26	—	0·49	—	0·07	—	—	0·02	—	0·21	—	—	0·20	26
27	—	0·52	—	0·63	—	—	—	—	0·02	0·19	—	0·15	27
28	—	0·07	—	0·04	—	—	0·18	0·26	—	0·02	—	—	28
29	—	✕	—	—	—	—	0·10	0·62	—	0·11	—	—	29
30	—	✕	—	—	—	—	0·02	—	—	0·03	—	0·31	30
31	— ·49	✕ ·11	0·02 ·11	✕	—	✕ ·02	0·85	— ·45	✕	0·10 ·12	✕	0·06 ·17	31
TOTAL	4·04 3·68	3·93 ~~4·31~~	3·45	37 2·4~~8~~	2·68	6 2·4~~4~~	1 3·5~~3~~	3·21 ~~2·76~~	2·08 ~~2·53~~	·62 3·~~58~~	·80 2·~~92~~	1·56 ~~1·39~~	YEAR'S TOTAL ·71 35·~~87~~
*Days with ·01 in. or more.	15	15	15	~~13~~ 12	13	~~9~~ 10	~~13~~ 14	~~13~~ 14	~~4~~ 5	~~18~~ 28 18	~~11~~ 13	8 9	155
*Days with .04 in. or more.	11	13	12	~~11~~ 10	11	7	12	~~12~~ 13	~~3~~ 4	~~13~~ 14	~~10~~ 9	7 8	124

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*See Instruction 2 (*f*) on other side.

(Signed) Geo. Slavide.

P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3656.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Stanley Pond
in the County of Cumberland
Diameter of Funnel of Gauge ...... in.
Height of top of Gauge above Ground 1 ft 6 in.
,, Ground ,, Sea Level 45 ft.

Ed Day ✓ WR ✓

Observer states that 5·48 on August 12th should be ·85. Return amended accordingly.
Stanch 2/5/35

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following
0·24

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0·17	0·01	/	/	/	/	/	This	0·23	0·88	/	/		1
2	0·79	/	0·39	/	0·04	/	/	is ✓	/	/	/	0·79		2
3	/	0·02	/	/	/	/	/	for ✓	0·19	/	0·70	0·36		3
4	0·75	/	0·04	/	/	/	/	Period	0·22	0·36	0·08	0·59		4
5	0·11	/	/	/	0·24	/	/	July 29	0·02	0·40	/	0·21		5
6	/	0·01	0·10	/	0·20	/	/	to ✓	/	0·05	/	0·41		6
7	0·30	0·09	0·02	0·05	0·67	/	/	Aug ✓	0·15	0·91	/	0·07		7
8	0·20	0·06	0·05	0·10	0·22	/	/	12th	0·02	/	0·24	0·19		8
9	/	/	0·04	/	0·68	/	/	✓	0·21	0·20	0·03	0·12		9
10	0·23	0·02	0·01	0·15	/	/	/	✓	/	0·16	0·21	0·10		10
11	0·38	/	0·06	/	/	/	/	(·65) ✓	0·16	0·14	/	0·14		11
12	0·30	/	/	0·52	/	/	/	~~5·43~~	/	/	/	0·15		12
13	/	/	0·02	0·32	/	/	/	/	/	0·10	/	0·04		13
14	0·20	/	/	0·21	0·09	/	0·06	/	/	0·11	/	0·16		14
15	0·17	/	0·45	0·05	0·04	0·13	0·04	0·21	/	0·41	/	0·20		15
16	0·16	/	/	0·03	0·69	/	0·16	0·22	0·14	/	/	0·26		16
17	0·71	/	0·49	0·04	0·03	/	/	/	0·15	0·06	0·02	/		17
18	0·14	/	0·06	0·17	0·52	/	0·05	/	0·08	0·03	/	0·86		18
19	0·41	/	0·02	0·26	0·18	1·14	0·07	0·23	0·12	0·02	/	0·35		19
20	/	0·02	/	/	0·20	0·07	/	0·47	0·57	0·26	0·26	0·10		20
21	/	0·01	/	0·26	0·35	0·07	/	0·17	0·17	0·12	0·05	/		21
22	/	/	0·18	/	0·03	0·31	0·03	0·22	1·14	0·66	/	/		22
23	0·63	/	/	0·03	/	/	/	0·01	0·06	/	0·03	/		23
24	0·04	/	0·21	0·15	/	/	/	0·07	0·05	0·63	/	/		24
25	/	0·24	/	0·04	0·23	/	0·17	/	0·06	0·87	/	/		25
26	0·17	0·02	0·09	0·23	/	/	0·21	/	0·80	0·50	/	0·60		26
27	0·06	/	/	/	/	0·43	0·05	/	0·05	0·59	/	0·39		27
28	/	/	/	0·02	/	0·09	0·17	0·06	0·07	0·16	0·04	0·22		28
29	/	×	/	/	/	0·05	✓	1·14	0·12	0·32	/	0·37		29
30	/	×	/	/	/	/	✓	0·22	0·41	0·08	/	0·40		30
31	0·49	×	/	×	/	×	(·20)	0·59	+·88 ×	0·06	×	24		31
TOTAL	6·25 ~~[illegible]~~	·49 ~~0·50~~	2·23	2·65	4·41	2·29	1·21 ~~1·01~~	4·49 ~~7·04~~	5·84 ~~5·19~~	7·20 ~~8·08~~	1·66	7·32 ~~7·08~~	Year's Total. ~~[illegible]~~	46·04
* Days with .01 in. or more.	20	~~10~~ 9	16	17	16	8	(12) ~~10~~	(20) ~~13~~	23	~~25~~ 24	10	~~23~~ 24	~~191~~	(200)
* Days with .04 in. or more.	~~20~~ 19	3 ✓	12	15	14	8	(10) ~~9~~	(18) ~~12~~	21	~~23~~ 22	7	~~23~~ 24	~~167~~	(173)

40-9999

† Spare column, no entries required

(Signed) Clay S. Garside

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3656

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Stanley Pond

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 45 ft.

? omission July & Aug

rcvd for 3/15 D.

July + Aug allocated from surrounding stations. GS

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following 0·35

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	~~in.~~	in.		
1	0·24	0·27	0·02	0·00	0·00	0·00	0·24	–	0·00	0·20	0·20	0·27		1
2	0·32	0·18	0·00	0·00	0·06	0·00	0·00	–	1·13	0·10	0·17	0·50		2
3	0·00	0·27	0·06	0·00	0·00	0·09	0·00	–	0·06	0·83	0·10	0·04		3
4	0·00	0·06	0·13	0·00	0·00	0·07	0·00	–	0·00	0·00	0·21	0·00		4
5	0·00	0·16	0·00	0·00	0·00	0·02	0·03	–	0·08	0·15	0·40	0·04		5
6	0·00	0·17	0·11	0·00	0·00	0·04	0·00	–	0·02	0·04	0·14	0·03		6
7	0·00	0·00	0·00	0·06	0·00	0·45	0·00	–	0·00	0·03	0·15	0·07		7
8	0·00	0·00	0·00	0·16	0·00	0·55	0·00	0·20	0·00	1·03	0·00	0·50		8
9	0·00	0·00	0·00	0·26	0·00	0·00	0·00	0·00	0·00	0·04	0·22	0·74		9
10	0·12	0·12	0·00	0·59	0·00	0·00	0·08	0·00	0·00	1·22	0·06	0·00		10
11	0·36	0·26	0·00	0·03	0·00	0·65	0·04	0·00	0·00	0·11	0·16	0·00		11
12	0·02	0·02	0·00	0·00	0·00	0·10	0·00	0·05	0·00	0·03	0·19	0·00		12
13	0·10	0·10	0·00	0·00	0·00	0·11	0·00	0·00	0·23	0·05	0·30	0·00		13
14	0·40	0·13	0·00	0·10	0·28	0·00	0·02	0·00	0·01	0·19	0·36	0·00		14
15	0·03	0·17	0·00	0·00	0·00	0·15	0·00	0·03	0·38	0·03	0·20	0·15		15
16	0·00	0·26	0·00	0·63	0·34	0·00	0·00	0·02	0·11	0·20	0·52	0·00		16
17	0·00	0·38	0·00	0·45	0·06	0·14	0·03	0·06	0·42	0·30	0·75	0·00		17
18	0·00	0·00	0·00	0·11	0·00	0·10	0·02	0·03	0·02	0·60	0·33	0·00		18
19	0·00	0·26	0·00	0·00	0·15	0·00	0·00	0·00	1·53	0·18	0·00	0·00		19
20	0·00	0·76	0·00	0·17	0·00	1·04	1·59	0·01	0·00	0·04	0·06	0·00		20
21	0·00	0·02	0·00	0·26	0·00	0·06	0·00	0·00	0·00	0·10	0·16	0·00		21
22	0·00	0·00	0·36	0·07	0·00	0·00	0·04	0·00	0·33	0·45	0·00	0·25		22
23	0·00	0·21	0·11	0·05	0·00	0·00	0·00	0·00	0·04	0·30	0·00	0·00		23
24	0·09	0·34	0·30	0·04	0·00	0·10	0·00	0·01	0·09	0·05	0·00	0·11		24
25	0·24	0·45	0·01	0·00	0·00	0·00	0·00	0·00	0·76	0·20	0·00	0·36		25
26	0·16	0·00	0·00	0·00	0·00	0·20	0·00	0·04	0·00	0·00	0·18	0·06		26
27	0·00	0·27	0·00	0·00	0·00	0·35	2·5	1·40	0·53	0·25	0·75	0·16		27
28	0·00	0·15	0·00	0·00	0·00	0·00	–	0·00	0·25	0·18	0·30	0·14		28
29	0·11	✗	0·00	0·00	0·00	0·00	–	0·38	0·20	0·30	0·21	0·03		29
30	0·02	✗	0·21	0·00	0·00	0·20	–	0·45	0·95	0·19	0·14	0·26		30
31	0·20	✗ ·02	0·00	✗	0·00	✗ ·24	✓	0·03	✗ ·20	0·43 ·20	✗ ·27	0·37 ·33	46·94	31
TOTAL	2·3~~1~~ 4	4·~~81~~ 76	~~1·31~~ 1·29	2·9~~9~~ 8	0·89✓	4·22	·10 2·~~99~~	2·71✓	3 7·~~4~~	7·82✓	33 6·~~28~~	16 4·~~98~~	Year's Total. ~~46·63~~	
* Days with .01 in. or more.	14	22	~~9~~ 8	14	5	~~18~~ 19	9	13	~~18~~ 20	29	24✓	18✓	195	
* Days with .04 in. or more.	11	~~20~~ 19	7	13	5	~~17~~ 18	5	7	~~16~~ 17	26✓	24	16	168	

For THE PRIESTMAN WHITEHAVEN COLLIERIES LTD.

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) L. Biggs

RESIDENT MANAGER.

[P.T.O.

COPY FOR OFFICIAL USE.

Station No. 3656

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Stanley Pond

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 45 ft.

f 280878/33

WD

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.35	0.08	0.16											1
2	0.00	0.11	0.00											2
3	0.02	0.00	0.14											3
4	0.00	0.00	0.12											4
5	0.96	0.73	0.70											5
6	0.14	0.00	0.34											6
7	0.36	0.00	0.00											7
8	0.00	0.00	0.50											8
9	0.11	0.00	0.00											9
10	1.18	0.00	0.09											10
11	0.06	0.00	0.00											11
12	0.00	0.00	0.00											12
13	0.00	0.00	0.00											13
14	0.00	0.00	0.00											14
15	0.00	0.00	0.00											15
16	0.00	0.00	0.00											16
17	0.00	0.00	0.00											17
18	0.00	0.57	0.00											18
19	0.00	0.10	0.14											19
20	0.71	0.15	0.00											20
21	0.44	0.88	0.18											21
22	0.04	0.00	The station was discontinued											22
23	0.03	0.79	on the 22nd March 1936.											23
24	0.02	0.04												24
25	0.00	0.00												25
26	0.36	0.02												26
27	0.32	0.14												27
28	0.00	0.03												28
29	0.00	0.35												29
30	0.00	×												30
31	0.03	×		×		×			×		×			31
TOTAL	.08 4.76 ~~5.03~~	.16 3.57 ~~3.47~~											Year's Total	
* Days with .01 in. or more.	16	13												
* Days with .04 in. or more.	12	11												

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) FOR THE PRIESTMAN WHITEHAVEN COLLIERIES LTD.

RESIDENT MANAGER.

[P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3654

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1934

Kept at WHITEHAVEN (Scragill Reservoir)

in the County of Cumberland

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 188·35 ft.

The Borough Engineer & Surveyor
Town Hall,
Whitehaven.
Cumb

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·00	·01	·03	·00	·00	·00	·13	·00	·43	·32	·00	·30		1
2	·08	·56	·03	·13	·00	·10	·04	·00	·04	·10	·00	·00		2
3	·04	·63	·03	·02	·05	·78	1·21	·00	·00	·00	·00	·00		3
4	·33	·00	·00	·21	·02	·14	·40	·00	·39	·00	·00	·73		4
5	·60	·00	·00	·02	·00	·48	1·03	·00	·60	·00	·00	·02		5
6	·00	·00	·04	·28	·14	·40	·08	·05	·01	·00	·00	·00		6
7	·05	·14	·00	·39	·00	·00	·10	·00	·04	·00	·00	·03		7
8	·04	·33	·00	·22	·00	·14	·42	·03	·00	·00	·00	·00		8
9	·03	·12	·00	·18	·18	·02	·39	·39	·01	·00	·00	·00		9
10	·05	·04	·00	·00	·05	·00	·00	·00	·00	·00	·00	·70		10
11	·16	·00	Snow ·09	·00	·00	·11	·02	·00	·00	·00	·00	·05		11
12	1·69	·18	Snow ·08	·00	·02	·06	·08	·66	·44	·00	·00	·25		12
13	·00	·20	·00	·01	·00	·04	·00	·49	·00	·00	·00	·28		13
14	·00	·04	·00	·00	·00	·00	·32	·54	·23	·02	·00	·12		14
15	·54	·63	Snow ·03	·48	·00	·00	·00	·00	·23	·00	·00	·00		15
16	·10	·18	·64	·34	·00	·00	·00	·41	·00	·00	·00	·00		16
17	·54	·15	·16	·13	·00	·00	·00	·01	·06	·00	·00	·00		17
18	·00	·33	·26	·00	·00	·00	·04	·33	·00	·00	·18 ~~·00~~	·00		18
19	·09	·19	·02	·95	·00	·03	·00	·00	·00	·00	·29 ~~·00~~	·00		19
20	·16	·10	·00	·09	·19	·00	·13	·00	·00	·05	·18	·16		20
21	·42	·05	Snow ·02	·16	·22	·00	1·45	·00	·00	·09	·04	·36		21
22	·04	·00	Snow ·01	·04	·31	·00	·05	·00	·00	·70	·01	·50		22
23	·06	·00	·09	·00	·02	·00	·24	·00	·04	1·06	·03	·14		23
24	·25	·00	·09	·00	·01	·00	·00	·00	·30	·11	·00	·08		24
25	·05	·45	·00	·00	·00	·00	·00	·00	·00	·40	·01	·02		25
26	·00	·36	Snow ·06	·00	·09	·00	·00	·00	·04	·50	·00	·04		26
27	·00	Snow & Rain ·33	·00	·21	·04	·00	·01	·00	·03	·34	·00	·04		27
28	·00	·00	·00	·00	·00	·12	·00	·00	·00	·10	·04	·00		28
29	Snow ·01		·00	·00	·00	·02	·00	·00	·00	·05	·38	·00		29
30	Snow & Rain ·10	✕	·00	·00	·00	·30	·00	·00	·62	·46	·32	·01		30
31	·11	✕	·00	✕	·03	✕	·00	·10	✕	·12	✕	·01		31
TOTAL	5·60	5·08	1·68	4·16	1·40	2·44	6·44	3·04	3·81	4·42	1·48	3·84	Year's Total 43·42	✓
* Days with .01 in. or more.	23	20	16	14	14	14	18	10	16	15	10	19	192	✓
* Days with .04 in. or more.	21	19	9	14	9	11	16	8	13	14	4	14	155.	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

Borough Engineer and Surveyor.

WHITEHAVEN (STANLEY POND)

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No.** 3656.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1939.

Kept at Stanley Pond.

in the County of Cumberland.

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 2 ft — in.

,, Ground ,, Sea Level 45 ft.

Jan & Feb totals est'd from nearby stns.

Observer informed 15/5/40

280878/33

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
28th Feb	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	Started		·45	—	—	—	·21	·05	—	—	—	·40		1
2			·36	·14	—	—	·17	·27	·61	—	—	·08		2
3			·09	·08	—	—	—	—	·21	—	—	·60		3
4			·44	—	—	—	·11	—	—	—	—	·07		4
5			—	—	—	—	·10	—	—	·10	·33	—		5
6			·01	—	—	—	·25	—	·01	—	·11	—		6
7			·08	—	—	—	·05	—	—	—	·05	·08		7
8			·10	·57	—	—	—	·05	·12	—	·14	·24		8
9			·01	—	—	—	·13	1·05	·35	·21	—	·36		9
10			·04	—	—	·06	—	·55	·10	·95	·17	·30		10
11			·23	—	—	·22	—	·01	·81	·06	·06	—		11
12			—	·30	—	·01	—	—	·25	·33	—	—		12
13			·02	·09	·10	·07	·97	—	·01	—	·22	—		13
14			·014	·09	·12	·509	·28	—	—	—	·37	—		14
15			·014	·52	—	·44	·22	—	—	·02	·43	—		15
16			—	·01	—	·34	·42	—	—	—	·26	—		16
17			—	TR	—	—	—	—	—	—	+	—		17
18			·29	—	—	·02	·02	—	—	—	+	—		18
19			—	—	TR	—	·26	·08	—	—	·41	—		19
20			—	—	—	·03	·14	—	—	—	—	—		20
21			·22	·054	·16	—	—	·25	—	—	—	—		21
22			·013	·21	—	—	·13	—	—	·11	·31	—		22
23			—	·058	—	·015	·18	—	—	·06	+	—		23
24			—	—	—	—	—	—	—	·01	1·05	—		24
25			—	·14	—	—	—	—	—	—	+	—		25
26			—	·014	·01	—	—	·19	—	—	—	—		26
27			—	—	—	·58	·33	—	—	—	·11	—		27
28			·10	—	—	·68	·80	—	—	—	·46	Snow ·03		28
29			—	—	—	·05	·18	—	—	·06	·11	—		29
30		×	—	—	—	·01	·10	—	—	—	·43	—		30
31		×	—	×	—	×	·02	—	×	—	×	—		31
TOTAL	(4·70)	(3·70)	2·4~~8~~7	2·276	·39	3·034	5·07	2·50	2·47	1·91	5·02	2·16	Year's Total 35·69	Print
* Days with .01 in. or more.	(22)	(20)	17	13	4	14	21	9	9	10	19	9	(167)	
* Days with .04 in. or more.	(17)	(15)	11	11	3	9	19	8	7	8	19	8	(135)	

40-9999

THE CUMB'D COAL CO. (WHITEH'N) LTD.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Alex McNeill

[P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3656

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at "Lake View" Stanley Pond

in the County of Cumberland 3

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground ~~1~~ 2 ft. ~~0~~ 6" in.

" Ground " Sea Level 45 ft.

Acge,

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. ✓

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	Frost	—	—	·14	—	—	·06	—	—	—	·15	·26		1
2	"	—	—	·21	—	—	·24	—	—	—	·43	·34		2
3	"	·02	—	—	—	—	·04	—	—	·01	—	·09		3
4	"	·17	—	—	—	—	·04	—	·05	—	—	·36		4
5	Thaw	—	—	—	·33	—	—	—	—	·71	·16	·60		5
6	·12	·14	—	·28	—	—	·44	—	—	·61	·04	·04		6
7	·18	·03	—	·08	·30	—	—	·14	·08	·04	—	—		7
8	·02	—	·07	—	—	—	·03	·18	·35	·91	·33	·39		8
9	—	—	·20	—	—	—	·26	·12	—	·54	·41	·06		9
10	—	—	·57	—	—	—	·43	·04	—	·10	·20	·30		10
11	—	—	1·12	—	—	—	·64	—	·09	—	·63	—		11
12	—	—	·93	—	—	—	—	·13	·71	—	·14	—		12
13	—	—	·05	—	—	—	·20	·09	·24	—	·11	·13		13
14	—	—	·04	—	—	—	·15	·07	—	—	·05	·41		14
15	—	—	—	·28	·44	—	—	—	—	—	·11	·21		15
16	—	—	·08	·04	—	—	·26	—	·97	·18	trace	·15		16
17	—	—	·27	—	—	—	·31	—	·11	·01	·01	·14		17
18	·03	·03	·10	—	—	—	·14	·34	·45	—	—	·60		18
19	·35	·18	·21	·13	—	—	·05	—	·14	—	·72	—		19
20	Snow Storm X	—	·15	·38	—	—	·03	·19	·02	·63	·09	—		20
21	—	—	·21	·03	—	·65	—	—	·01	—	trace	—		21
22	·93.	·02	✓ ·07	—	—	·18	—	·04	·29	—	·01	—		22
23	·36	·07	x	·24	·02	—	·28	—	·01	—	·14	—		23
24	·57	—	—	—	—	—	·04	—	—	—	·01	—		24
25	·04	·03	—	—	·26	·03	—	—	—	—	·02	·01		25
26	·20	·31	·05	—	—	·04	Trace	·03	—	—	·26	—		26
27	—	·12	—	—	·10	—	Trace	—	—	—	·02	—		27
28	·45	·01	·05	—	·02	—	—	·11	—	—	—	—		28
29	—	—	·34	·03	—	·23	·30	—	—	trace	—	·66		29
30	—	X	—	—	·03	—	—	—	—	·16	—	·43		30
31	·16	X	·39	X	·02	X	—	—	X	·39	X	—		31
TOTAL	3·41	1·13	4·90	1·84	1·52	1·13	3·93	1·48	3·52	4·29	4·04	5·18	Year's Total 36·37	Print
* Days with .01 in. or more.	12	12	19 ~~18~~	11	9	5	19	12	14	12	21	18	~~163~~ 164	WH
* Days with .04 in. or more.	10	6	18	9	5	4	17	11	11	10	16	17	134	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

3657

Section **A** for the entry of Da

AIR MINISTRY.-

FORM 1090.

REGISTI

COPY FOR OFFICIAL USE.

INFALL ORGANIZATION.

1931 .

3657

WHITHAVEN

SCRAGILL RES.

1931 - 1940

780704

1937 MISSING

Kept at WHITEHAVEN (Scrag

in the County of CUMBERLA

Diameter of Funnel of Gauge 8

Height of top of Gauge above Ground

,, Ground ,, Sea Leve

Engineer and Surveyor,
Hall,
Whitehaven,
CUMBERLAND.

THE MORNING MEASURI **S DAY.**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.01	---	.01	.02	--	--	.13	--	.53	.46	--	.40	1
2	--	--	--	.04	--	.14	.02	--	.72	--	.46	2.20	2
3	--	--	--	--	--	.19	1.19	--	.50	.16	2.28	.45	3
4	--	--	--	.11	--	--	.07	--	--	.01	.09	.18	4
5	--	.03	--	--	.22	.57	--	.04	--	.03	.03	.74	5
6	--	.36	--	--	.10	.84	--	--	.05	.64	.37	--	6
7	--	.10	--	--	.03	.22	--	.38	--	.04	.09	.16	7
8	.09	.55	--	--	--	.07	.50	.09	--	.10	.08	--	8
9	.06	.20	--	.03	.17	.17	.12	.27	.04	.62	.42	.06	9
10	.07	.05	--	--	.88	.37	.01	--	.19	--	.73	--	10
11	.20	.32	--	.02	--	.02	.55	--	.31	.05	.12	.03	11
12	.04	.01	.02	.03	--	.05	.59	.04	.08	.08	.01	--	12
13	--	--	.37	.02	.17	.10	.21	--	--	--	.36	--	13
14	.09	.31	.16	--	.02	1.40	.37	.19	.01	--	1.38	.01	14
15	.06	.09	.02	.21	--	.70	.11	.13	.02	--	--	.04	15
16	.09	.03	--	.17	--	.45	.03	.76	.39	--	--	--	16
17	--	.04	--	.02	--	.04	.35	.10	--	--	.20	--	17
18	.23	--	--	--	.04	.10	.01	--	--	.02	.68	--	18
19	.06	.82	.05	--	.01	.02	.08	2.47	--	.01	.03	--	19
20	--	.09	.11	--	--	.02	--	.07	--	--	.16	.01	20
21	.74	.10	.36	--	.03	.01	.08	.15	--	--	--	--	21
22	.63	.07	.02	.07	.13	.09	.28	.01	--	--	.02	.07	22
23	.23	--	.01	.33	.13	.19	--	--	--	--	.83	1.51	23
24	.08	.50	--	.26	.30	--	.06	--	--	--	.66	.02	24
25	.10	.01	--	.27	.06	--	.02	--	--	--	.15	.04	25
26	.01	--	--	.09	--	--	--	--	---	.02	.73	--	26
27	.32	--	.01	.07	.05	--	.14	--	--	.05	.56	.02	27
28	.21	--	--	.04	.21	--	.01	--	--	--	--	.17	28
29	.05	XX	.04	--	.05	--	1.14	--	--	.61	.05	--	29
30	.04	X	--	--	--	--	.07	--	.27	--	.01	--	30
31	SNOW 1.23	X	--	X	.04	X	.04	--	X	.25	X	.80	31
TOTAL	4.64	3.68	1.18	1.80	2.64	5.76	6.18	4.70	3.11	3.15	10.50	6.91	YEAR'S TOTAL 54.25
*Days with ·01 in. or more.	22	18	12	17	18	21	25	13	12	16	25	18	217
*Days with ·04 in. or more.	20	14	6	11	14	17	19	12	10	11	20	13	167

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*See Instruction 2 (*f*) on other side.

(*Signed*) X Arthur Wilson X

P.T.O.

3657

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931 .

Kept at WHITEHAVEN (Scragill Reservoir)
in the County of CUMBERLAND.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 188.35 ft.

The Borough Engineer and Surveyor,
Town Hall,
Whitehaven,
CUMBERLAND.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.01	---	.01	.02	--	--	.13	--	.53	.46	--	.40	1
2	--	--	--	.04	--	.14	.02	--	.72	--	.46	2.20	2
3	--	--	--	--	--	.19	1.19	--	.50	.16	2.28	.45	3
4	--	--	--	.11	--	--	.07	--	--	.01	.09	.18	4
5	--	.03	--	--	.22	.57	--	.04	--	.03	.03	.74	5
6	--	.36	--	--	.10	.84	--	--	.05	.64	.37	--	6
7	--	.10	--	--	.03	.22	--	.38	--	.04	.09	.16	7
8	.09	.55	--	--	--	.07	.50	.09	--	.10	.08	--	8
9	.06	.20	--	.03	.17	.17	.12	.27	.64	.62	.42	.06	9
10	.07	.05	--	--	.88	.37	.01	--	.19	--	.73	--	10
11	.20	.32	--	.02	--	.02	.55	--	.31	.05	.12	.03	11
12	.04	.01	.02	.03	--	.05	.59	.04	.08	.08	.01	--	12
13	--	--	.37	.02	.17	.10	.21	--	--	--	.36	--	13
14	.09	.31	.16	--	.02	1.40	.37	.19	.01	--	1.38	.01	14
15	.06	.09	.02	.21	--	.70	.11	.13	.02	--	--	.04	15
16	.09	.03	--	.17	--	.45	.03	.76	.39	--	--	--	16
17	--	.04	--	.02	--	.04	.35	.10	--	--	.20	--	17
18	.23	--	--	--	.04	.10	.01	--	--	.02	.68	--	18
19	.06	.82	.05	--	.01	.02	.08	2.47	--	.01	.03	--	19
20	--	.09	.11	--	--	.02	--	.07	--	--	.16	.01	20
21	.74	.10	.36	--	.03	.01	.08	.15	--	--	--	--	21
22	.63	.07	.02	.07	.13	.09	.28	.01	--	--	.02	.07	22
23	.23	--	.01	.33	.13	.19	--	--	--	--	.83	1.51	23
24	.08	.50	--	.26	.30	--	.06	--	--	--	.66	.02	24
25	.10	.01	--	.27	.06	--	.02	--	--	--	.15	.04	25
26	.01	--	--	.09	--	--	--	--	---	.02	.73	--	26
27	.32	--	.01	.07	.05	--	.14	--	--	.05	.56	.02	27
28	.21	--	--	.04	.21	--	.01	--	--	--	--	.17	28
29	.05	XX	.04	--	.05	--	1.14	--	--	.61	.05	--	29
30	.04	X	--	--	--	--	.07	--	.27	--	.01	--	30
31	SNOW 1.23	X	--	X	.04	X	.04	--	X	.25	X	.80	31
TOTAL	4.64	3.68	1.18	1.80	2.64	5.76	6.18	4.70	3.11	3.15	10.50	6.91	YEAR'S TOTAL 54.25
*Days with ·01 in. or more.	22	18	12	17	18	21	25	13	12	16	25	18	217
*Days with ·04 in. or more.	20	14	6	11	14	17	19	12	10	11	20	13	167

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*See Instruction 2 (*f*) on other side.

(*Signed*) X Arthur Wilson X

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3657

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at WHITEHAVEN (Scragill Reservoir)

in the County of Cumberland.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 188.35 ft.

The Borough Engineer and Surveyor,
Town Hall,
Whitehaven,
Cumberland.

AV 435
1195%

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.28	.01	--	.52	.01	--	--	--	1.18	.14	.19	.16	1
2	.52	.01	--	.18	.07	.01	.19	.19	.65	.04	.19	.46	2
3	.03	--	--	--	--	--	.65	--	.03	--	.10	.18	3
4	.11	.01	--	--	--	--	.35	.04	.02	.01	.01	--	4
5	.17	--	.09	.02	.01	--	--	.01	.64	--	--	--	5
6	.25	--	.15	.16	.02	--	--	--	--	.10	--	--	6
7	.02	--	.44	.12	--	--	--	--	.21	.96	--	--	7
8	.12	--	--	.39	--	--	--	--	.41	.29	--	--	8
9	1.45	--	--	.24	--	--	--	--	--	.01	--	--	9
10	.19	--	.02	.04	--	--	--	--	.52	.26	--	--	10
11	.10	.01	--	.02	.98	--	.07	.03	.04	--	--	--	11
12	.60	--	--	--	1.80	--	.68	.28	--	.30	--	--	12
13	.02	--	--	.47	.38	--	.38	.01	.13	.28	--	.19	13
14	.52	--	--	.04	--	--	--	--	.01	--	--	.19	14
15	.23	--	--	--	.30	--	.05	--	--	.19	--	.26	15
16	.76	--	--	--	.01	--	.05	.04	--	.25	--	2.16	16
17	.01	--	--	--	--	--	.14	.03	.01	.65	--	2.04	17
18	.07	--	--	--	.28	--	--	.01	--	--	--	.93	18
19	.09	--	--	.05	.15	--	.11	--	--	.54	--	.62	19
20	.09	--	.12	.29	.04	--	--	.85	--	.25	.09	.10	20
21	.25	--	.85	.02	--	--	--	.19	--	.59	.11	.13	21
22	.02	--	.15	.16	--	--	.02	--	--	.25	1.11	.49	22
23	--	--	.01	.02	--	--	.47	--	--	.33	.19	.34	23
24	.63	--	--	.01	.02	--	.01	--	.25	.01	.08	.05	24
25	--	--	--	.16	.04	.01	.05	--	.12	.51	.12	--	25
26	--	--	.01	--	.02	.01	.19	.02	.18	.11	.05	.16	26
27	--	--	.60	.28	--	.46	.12	.16	--	.02	--	.60	27
28	--	--	.01	.03	.20	.17	.03	.01	--	.01	--	.06	28
29	--	--	1.40	.10	.05	.25	.57	.09	.01	1.29	.49	.29	29
30	--	×	.12	.09	.03	1.23	.22	.37	.11	.07	.35	.02	30
31	--	×	.01	×	--	×	.01	.03	×	.10	×	.20	31
													YEAR'S TOTAL
TOTAL	6.53	.04	3.98	3.41	4.41	2.14	4.36	2.36	4.52	7.56	3.08	9.63	52.02
*Days with ·01 in. or more.	23	4	14	22	18	7	20	17	17	26	13	21	202
*Days with .04 in. or more.	18	-	9	16	11	4	16	9	12	21	12	20	148

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

3rd January, 1933

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3657

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Feb. June, & Sept. corrected for arithmetic. [illegible] 26/6/34

Kept at WHITEHAVEN (Scragill Reservoir)

in the County of CUMBERLAND

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 188.35 ft.

The Borough Engineer and Surveyor,
Town Hall,
Whitehaven,
Cumberland.

B.A

September 1" High

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.27	.17	.17	.02	--	.01	--	.08	--	--	.19	--	1
2	.92	--	.02	.01	--	1.05	--	.03	--	--	--	--	2
3	.13	.78	.16	--	.42	--	--	.02	--	--	.02	--	3
4	.90	.42	.10	--	.41	--	--	--	--	--	.09	--	4
5	.03	.05	.55	--	.06	--	--	--	--	--	.02	--	5
6	--	.23	.05	--	.30	--	--	--	--	--	--	.01	6
7	.04	.14	--	--	.05	--	.40	.02	--	.99	--	--	7
8	.21	.03	1.33	.38	.12	--	.07	--	--	.21	.13	--	8
9	.01	.43	.09	.10	.05	--	1.23	--	--	.77	.05	--	9
10	.20	.01	--	--	--	.07	.03	--	--	.22	--	.01	10
11	--	--	--	.10	--	--	.20	--	--	.13	--	.47	11
12	.14	.03	--	--	--	--	.05	--	--	.14	.16	.01	12
13	--	--	.06	--	.17	--	.32	.25	--	.05	.74	--	13
14	.90	--	.04	--	--	--	.26	.02	--	--	.72	--	14
15	.13	--	.27	.04	.02	.07	.11	.73	--	.16	.01	.02	15
16	.02	.01	.22	.15	.30	.50	--	.02	--	.12	--	.01	16
17	.01	--	.33	.06	--	.15	--	.10	.10	.04	.03	.02	17
18	.02	--	.06	--	--	.28	--	.08	--	--	.10	.07	18
19	--	--	.10	--	--	--	--	--	1.01	--	.44	.01	19
20	--	.22	--	--	--	.01	--	.15	.59	--	--	--	20
21	--	--	--	--	--	--	--	--	--	.01	--	--	21
22	--	--	--	--	.40	--	--	--	.02	.10	.01	--	22
23	--	--	--	.16	--	--	--	--	--	--	--	--	23
24	--	.15	--	.60	.24	.03	.12	--	.10	.01	--	.07	24
25	--	.50	--	.06	--	--	.28	.06	.03	--	--	.16	25
26	--	.35	--	.64	--	--	.02	--	.17	.16	--	.06	26
27	--	.30	--	.05	--	--	.25	--	--	.01	.02	.02	27
28	--	.09	--	--	--	--	.09	.93	--	.09	--	--	28
29	--	XXX	--	--	--	--	.05	.02	--	.01	--	.24	29
30	.16	X	.04	--	--	.01	.98	--	--	.06	--	.05	30
31	.52	X	.15	X	--	X	.02	.33	X	.09	X	.10	36.12 31
TOTAL	4.61	3.91 ~~3.82~~	3.74	2.37	2.54	2.~~8~~18	4.48	2.84	~~3~~2.02	3.37	2.73	1.33	YEAR'S TOTAL [illegible].18
*Days with ·01 in. or more.	17	17	17	13	12	10	17	15	7	19	15	16	175
*Days with .04 in. or more.	12	13	16	11	11	7	14	9	4	15	9	8	129

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3657

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at WHITEHAVEN (Scragill Reservoir)

in the County of CUMBERLAND.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 188.35 ft.

The Borough Engineer & Surveyor,
Town Hall,
WHITEHAVEN,
Cumberland.

Ba
aly

Found correct

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.89	--	.28	--	.06	--	--	.04	.19	--	--	.34	1
2	--	.01	.21	--	--	--	--	.19	.25	--	.13	.74	2
3	.64	--	--	--	--	--	--	--	.14	.21	.56	.17	3
4	.29	--	.06	--	.02	--	--	--	.12	.31	--	.58	4
5	--	--	.03	--	.37	--	--	.12	--	.03	--	.46	5
6	.22	.02	.03	Snow .06	.75	--	--	.11	.14	.45	--	.16	6
7	.22	.11	.08	.18	--	--	--	--	.03	.11	.10	.19	7
8	--	.01	.04	--	.91	.01	--	.17	.14	.15	.16	.22	8
9	.22	--	--	.15	.03	--	--	.03	.06	.21	.11	.26	9
10	.32	--	.02	.05	.03	--	--	.37	.15	.06	.04	.01	10
11	.39	--	--	.49	.80	--	--	.11	.01	--	.02	.30	11
12	.11	--	.04	.41	.05	--	--	--	--	.10	--	.16	12
13	.15	--	--	.19	.12	--	.14	--	--	.12	--	.19	13
14	.18	--	.31	.05	.22	.07	--	---	--	.24	--	.25	14
15	.11	.01	--	.04	.28	.04	.12	.25	.21	--	--	.02	15
16	.64	--	.44	.03	.45	--	--	--	--	--	.02	.01	16
17	.07	--	.09	.20	.04	--	.17	--	.20	.04	--	.64	17
18	.62	--	.01	.14	.01	.55	--	.14	.06	.02	--	.50	18
19	--	.03	.01	--	--	.50	.01	.05	.11	.21	.15	.15	19
20	--	--	.01	.48	--	--	.04	.45	.02	.05	.10	.00	20
21	.02	--	.11	--	--	.38	--	.26	.31	.65	.02	.00	21
22	.54	--	.08	.02	--	--	.04	.02	.85	--	.--	.00	22
23	.04	--	.14	.54	--	--	.02	.06	--	.39	.16	.14	23
24	--	.23	.05	.02	--	--	.10	--	.06	.80	.03	.00	24
25	.12	.02	.10	.20	.20	--	.11	--	.45	.75	.--	.49	25
26	.06	--	.02	.02	.03	.48	.03	--	.44	.19	.02	.26	26
27	--	--	--	.04	--	.14	.14	.20	.10	.18	.04	.34	27
28	--	--	--	--	--	.05	.01	.91	.08	.18	.--	.57	28
29	--	XX	--	--	--	--	.16	.24	.29	.02	.--	.17	29
30	.41	X	--	--	--	--	.03	.10	1.02	.28	.--	.20	30
31	.01	X	--	X	--	X	--	.42	X	--	X	.11	31
TOTAL	6.27	.44	2.16	3.31	4.37	2.22	1.08	4.24	5.43	5.75	1.66	7.63	YEAR'S TOTAL 44.56
*Days with ·01 in. or more.	22	8	21	19	17	9	13	20	24	24	15	27	219
*Days with .04 in. or more.	20	2	14	15	12	8	8	18	21	21	10	24	173

40-9999

*See Instruction 2 (*f*) on other side,

(Signed)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3657

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at WHITEHAVEN (Scragill Reservoir)
in the County of CUMBERLAND.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft - in.
,, Ground ,, Sea Level 188.35 ft.

The Borough Engineer & Surveyor,
Town Hall,
WHITEHAVEN.
Cumberland.

~~BA~~

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.38	.22	.00	.00	.05	.00	.16	.00	.69	.04	.02	.20		1
2	.00	.08	.01	.00	.00	.09	.00	.00	.32	.70	.44	.05		2
3	.00	.18	.14	.00	.00	.02	.01	.00	.07	.04	.32	.01		3
4	.00	.08	.01	.00	.00	.09	.00	.00	.00	.10	.00	.08		4
5	.00	.22	.07	.00	.00	.01	.01	.00	.12	.08	.17	.11		5
6	.01	.00	.00	.00	.00	.26	.00	.00	.00	.02	.16	.03		6
7	.00	.00	.00	.15	.00	.36	.00	.00	.00	.80	.00	.29		7
8	.00	.00	.00	.15	.00	.16	.00	.00	.00	.04	.00	.49		8
9	.08	.01	.00	.94	.00	.00	.12	.00	.00	1.18	.09	.00		9
10	.08	.37	.00	.03	.00	.34	.13	.00	.00	.20	.02	.00		10
11	.30	.03	.00	.00	.00	.24	.00	.08	.00	.09	.31	.00		11
12	.00	.25	.00	.00	.00	.02	.00	.00	.19	.06	.18	.00		12
13	Snow .10	.06	.00	.08	.32	.00	.00	.00	.04	.15	.10	.00		13
14	.01	.03	.00	.00	.00	.17	.01	.05	.01	.00	.43	.37		14
15	.00	.25	.00	.23	.27	.29	.00	.00	.24	.22	.44	.06		15
16	.02	.47	.00	.63	.08	.14	.12	.06	.42	.00	.53	.00		16
17	.00	.00	.00	.16	.00	.20	.00	.09	.08	.36	.67	.00		17
18	.00	.10	.03	.00	.02	.03	.00	.02	1.22	.16	.01	.00		18
19	.00	.53	.00	.02	.04	.48	1.05	.02	.00	.05	.05	.00		19
20	.00	.46	.00	.35	.00	.28	.00	.00	.00	.00	.12	.00		20
21	.00	.00	.35	.09	.00	.02	.00	.00	.28	.04	.05	.05		21
22	.00	.18	.04	.00	.00	.00	.04	.00	.01	.00	.00	.00		22
23	.00	Snow .23	.12	.11	.00	.18	.00	.01	.07	.55	.00	.00		23
24	.17	.66	.11	.00	.00	.00	.00	.01	.86	.05	.00	.08		24
25	.21	.00	.02	.00	.00	.00	.00	.00	.00	.03	.16	.02		25
26	.00	.00	.00	.00	.00	.29	.04	1.29	.41	.28	.00	.23		26
27	.00	.39	.00	.00	.00	.15	.22	.00	.11	.23	.65	.07		27
28	.08	.01	.00	.00	.00	.00	.00	.01	.25	.30	.13	.01		28
29	.00		.14	.00	.00	.02	.00	.15	.92	.04	.04	.18		29
30	.06	×	.00	.00	.00	.34	.00	.09	.20	.24	.36	.01		30
31	.05	×	.00	×	.00	×	.00	.00	×	.02	×	.12		31
TOTAL	1.55	4.81	1.04	2.94	.78	4.18	1.91	1.88	6.51	6.07	5.45	2.46	Year's Total. 39.58	✓
* Days with .01 in. or more.	13	21	11	12	6	23	11	12	20	27	23	19	198	
* Days with .04 in. or more.	10	17	7	10	5	17	8	7	18	24	20	14	157	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3657

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936.

Kept at WHITEHAVEN (Scragill Reservoir)

in the County of CUMBERLAND

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 188.35 ft.

The Borough Engineer and Surveyor,
Town Hall,
WHITEHAVEN,
Cumb.,

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.35	.23	.00	.00	.00	.01	.10	.66	.15	.00	.60	.12		1
2	.01	.00	.00	.00	.00	.00	.01	.40	.59	.00	.39	.20		2
3	.00	.00	.00	.00	.00	.05	.00	.00	.20	.00	.00	.10		3
4	.56	.00	.61	.00	.00	.01	.09	.03	.40	.00	.49	.44		4
5	.41	.05	.08	.00	.00	.09	.00	.41	.11	.00	.07	.26		5
6	.28	.00	.01	.00	.09	.01	.33	.46	1.13	.00	.56	.00		6
7	.00	.00	.28	.00	.00	.00	.01	.00	.07	.00	.47	.32		7
8	.20	.00	.22	.00	.00	.00	.00	.14	.00	.00	.05	.03		8
9	1.00	.00	.12	.00	.00	.06	.00	.04	.30	.00	.19	.00		9
10	.10	.00	.12	.00	.00	.00	.10	.00	.00	.00	.44	.00		10
11	.01	.00	.00	.02	.00	.05	.04	.24	.24	.00	.26	1.40		11
12	.00	.00	.00	.06	.01	.01	.04	.00	.53	.00	.02	.04		12
13	.00	.00	.00	.07	.05	.00	.12	.16	.12	.25	.21	2.04		13
14	.00	.00	.00	.12	.01	1.08	.02	.62	.40	.01	.27	.62		14
15	.00	.00	.00	.00	.09	.49	.00	.00	.03	.06	.06	.57		15
16	.00	.00	.06	.13	.16	.87	.02	.00	.00	.08	.37	.00		16
17	.10	.22	.00	.00	.16	.33	.09	.27	.00	.05	.17	.58		17
18	.00	.34	.00	.01	.00	.00	.13	.18	.00	.50	.00	.04		18
19	snow .18	.23	.04	.00	.00	.10	.38	.13	.00	.01	.00	.02		19
20	.59	.30	.28	.00	.00	.00	.04	.00	.00	.11	.00	.09		20
21	.02	.50	.07	.00	.00	.00	.00	.00	.00	.01	.00	.23		21
22	.06	.15	.05	.00	.00	.85	.04	.00	.00	.06	.00	.00		22
23	.02	.13	.06	.10	.00	.00	.67	.01	.00	.14	.02	.00		23
24	.00	.00	.00	.22	.53	.00	.14	.00	.64	.60	.02	.00		24
25	.42	.02	.00	.02	.00	.00	.14	.00	.60	.05	.00	.09		25
26	.17	.05	.01	.02	.00	.00	.01	.00	.02	.55	.00	.00		26
27	.26	.02	.14	.00	.00	.00	.00	.00	.00	.11	.00	.00		27
28	.19	.22	.05	.13	.00	.02	.13	.00	.00	.01	.08	.02		28
29	.01	.21	.60	.00	.00	.46	.06	.00	.00	.28	.07	.05		29
30	.14	✕	.01	.00	.10	.14	.65	.00	.00	.16	.07	.09		30
31	.00	✕	.02	✕	.00	✕	.04	.00	✕	.00	✕	.19	Year's Total	31
TOTAL	5.08	2.67	2.83	.90	1.20	4.63	3.40	3.75	5.53	3.04	4.88	7.54	45.45	✓
* Days with .01 in. or more.	21	14	19	11	9	17	24	14	16	18	21	22	206	✓
* Days with .04 in. or more.	16	12	15	7	6	12	19	12	14	14	18	19	164	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)
Borough Surveyor

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3657.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at WHITEHAVEN (Scragill Reservoir)
in the County of Cumberland.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 188·35 ft.

The Borough Engineer & Surveyor,
Town Hall,
Whitehaven,
Cumberland.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.00	.08	.00	.00	.00	1.24	.00	.00	.23	.00	.16	.06		1
2	.00	.04	.00	.39	.00	.60	.00	.00	.12	.62	.10	.29		2
3	.00	.02	.00	.00	.00	.20	.21	.00	.09	1.67	.57	.00		3
4	.00	.00	.01	.09	.00	.17	.01	.00	.00	.25	.06	1.39		4
5	.01	.02	.00	.00	.00	.07	.00	.00	.56	.03	.00	.04		5
6	.13	.01	.00	.00	.00	1.06	.00	.00	.08	.55	.05	.00		6
7	.05	.00	.00	.00	.00	.00	.63	.00	.00	.15	.13	.02		7
8	.18	.12	.00	.00	.00	.00	.16	.67	.00	.63	.39	.04		8
9	.22	.28	.00	.00	.00	.05	.05	.01	.00	.00	.00	.47		9
10	.14	.01	.01	.00	.00	.01	.11	.00	.01	.00	.00	.13		10
11	.32	.02	.01	.00	.40	.25	.14	.00	.04	.22	.28	.18		11
12	.48	.00	.00	.00	.43	.00	.00	.00	.01	1.13	1.64	.05		12
13	.01	.00	.00	.00	.28	.00	1.20	.03	.01	.16	.25	.06		13
14	.84	.00	.00	.00	.18	.00	.00	.00	.00	.00	.00	.02		14
15	.27	.00	.30	.00	.40	.00	.01	.79	.00	.43	.00	.59		15
16	.54	.00	.01	.00	.23	.00	.02	.09	1.07	.25	.19	.00		16
17	.00	.00	.02	.00	.55	.00	.10	.47	.31	.79	.06	.00		17
18	.18	.00	.04	.00	.00	.05	.00	.36	.00	.17	.89	.00		18
19	.01	.00	.47	.00	.00	.00	.03	.10	.05	.00	.00	.00		19
20	.04	.00	.73	.00	.00	.00	.02	.11	.44	.00	.06	.01		20
21	.00	.00	.01	.00	.04	.00	.00	.09	.14	.35	.45	.02		21
22	.00.	.00	.00	.01	.10	.00	.00	.00	.00	.04	.39	.00		22
23	.12	.00	.01	.00	.46	.18	.00	.08	.10	.01	.37	.00		23
24	.16	.01	.23	.00	.00	.16	.12	.04	.34	.59	.50	.00		24
25	.01	.25	.04	.00	.25	.02	.52	.00	.00	.13	.15	.62		25
26	.04	.74	.20	.00	.29	.33	.00	.00	.00	.21	.10	.11		26
27	.27	.20	.00	.00	.02	.30	.65	.47	.00	.03	1.04	.00		27
28	.14	.03	.00	.00	.02	1.03	.20	.00	.01	.03	.04	.06		28
29	.01		.00	.00	.37	.01	2.23	.00	.02	.67	.95	.29		29
30	.18	✕	.00	.00	.00	.11	.94	.00	.11	.01	.15	.02		30
31	.17	✕	.00	✕	.39	✕	.00	.00	✕	.69	✕	.65		31
TOTAL	4.52	1.83	2.09	.49	4.41	5.84	7.35	3.31	3.74	9.81	8.98	5.12	Year's Total 57.49	✓
* Days with .01 in. or more.	24	14	14	3	16	18	19	13	19	25	24	21	210	✓
* Days with .04 in. or more.	19	7	7	2	13	15	14	11	14	20	24	16	162	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. A. Willis
Borough Surveyor

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3657.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

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in the County of Cumberland.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 188.35 ft.

The Borough Engineer & Surveyor,
Town Hall,
Whitehaven,
Cumberland.

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An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in. ✓	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.06	.00	1.02	.02	.00	.00	.08	.06	.16	.00	.00	.37		1
2	.00	.00	.39	.12	.00	.00	.17	.18	.33	.00	.00	.05		2
3	.00	.00	.08	.07	.00	.00	.01	.01	.31	.00	.01	.61		3
4	.00	.29	.62	.00	.02	.00	.03	.00	.05	.00	.00	.08		4
5	Snow .03	.04	.02	.00	.01	.00	.50	.00	.00	.09	.49	.00		5
6	.36	.13	.00	.00	.00	.00	.33	.02	.01	.02	.28	.00		6
7	.55	.28	.08	.00	.00	.00	.04	.00	.10	.00	.07	.07		7
8	.94	1.39	.10	.64	.00	.00	.09	.00	.06	.00	.25	.39		8
9	.25	.41	.00	.00	.00	.00	.00	1.13	.18	.20	.00	.52		9
10	.04	.01	.05	.00	.00	.05	.00	.72	.78	.96	.14	.39		10
11	.04	.13	.23	.00	.00	.24	.00	.02	.00	.30	.03	.00		11
12	.04	.07	.00	.31	.00	.03	.00	.02	.17	.30	.00	.00		12
13	.00	.00	.02	.22	.10	.05	1.04	.00	.05	.00	.31	.00		13
14	.68	.01	.01	.16	.12	.44	.31	.00	.00	.00	.46	.00		14
15	.33	.01	.03	.47	.01	.74	.30	.00	.00	.02	.22	.00		15
16	.18	.03	.02	.01	.00	.00	.29	.00	.00	.00	.30	.00		16
17	.40	.13	.00	.00	.00	.47	.00	.00	.00	.00	.03	.00		17
18	.24	.12	.29	.00	.00	.02	.02	.00	.00	.00	.33	.00		18
19	.31	.00	.00	.00	.00	.00	.12	.23	.00	.00	.00	.00		19
20	.10	.03	.00	.00	.07	.04	.10	.00	.00	.00	.00	.00		20
21	.14	.69	.17	.05	.06	.00	.00	.15	.00	.00	.00	.00		21
22	.23	.17	.03	.02	.00	.00	.09	.00	.00	.12	.35	.00		22
23	.00	.27	.00	.17	.00	.02	.16	.00	.00	.03	.00	.00		23
24	.00	.22	.00	.00	.00	.00	.00	.00	.00	.60	.00	.00		24
25	Snow .15	.02	.00	.20	.00	.00	.00	.00	.00	.00	.82 ✓	.02		25
26	.01	.00	.00	.04	.01	.00	.00	.26	.00	.00	.00	.00		26
27	.00	.14	.00	.00	.00	.69	.28	.03	.00	.01	.01	Snow .01		27
28	.00	.04	.12	.00	.00	.73	.98 ✓	.00	.00	.00	.51	.00		28
29	.00	-	.03	.00	.00	.07	.19	.00	.00	.03	.14	Snow .07		29
30	.00	✕	.00	.00	.00	.01	.04	.00	.00	.04	.48	.00		30
31	.00	✕	.00	✕	.00	✕	.14	.00	✕	.00	✕	.00		31
TOTAL	5.08	4.63	3.31	2.50	.40	3.60	5.31	2.83	2.20	2.12	5.23	2.58	Year's Total 39.79	✓
* Days with .01 in. or more.	20	22	18	14	8	14	22	12	11	12	19	11	183	✓
* Days with .04 in. or more.	18	16	11	11	4	10	19	7	10	7	15	9	137	✓

† Spare column, no entries required.

(*Signed*) A. Wilson [P.T.O.
Borough Engineer & Surveyor

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3657

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at WHITEHAVEN(Scragill Reservoir)
in the County of Cumberland.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 188.35 ft.

The Borough Engineer & Surveyor,
Town Hall,
Whitehaven,
Cumberland.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.00	.05	.00	.25	.00	.00	.04	.00	.00	.00	.19	.20		1
2	.00	.00	.00	.19	.00	.00	.20	.00	.00	.00	.70	.33		2
3	.00	.02	.00	.00	.00	.00	.01	.00	.00	.00	.00	.14		3
4	.00	.23	.00	.00	.00	.00	.02	.00	.05	.02	.00	.26		4
5	.00	.00	.00	.00	.31	.00	.09	.09	.00	.62	.17	.47		5
6	.05	.06	.00	.10	.00	.00	.35	.00	.00	.53	.06	.02		6
7	.14	.03	.00	.33	.34	.00	.13	.05	.08	.00	.00	.00		7
8	.02	.00	.06	.00	.00	.00	.00	.09	.00	1.12	.43	.42		8
9	.00	.00	.58	.01	.00	.00	.24	.12	.22	.57	.43	.05		9
10	.00	.00	.11	.00	.00	.00	.57	.03	.00	.04	.10	.26		10
11	.00	.00	1.05	.03	.00	.00	.69	.00	.01	.00	.85	.00		11
12	.00	.00	1.15	.00	.00	.00	.08	.16	.51	.00	.05	.00		12
13	.00	(Snow) .01	.07	.00	.00	.00	.05	.07	.31	.00	.05	.17		13
14	.00	.00	.08	.09	.00	.00	.14	.04	.00	.00	.00	.75		14
15	.00	.00	.02	.04	.43	.00	.00	.00	.00	.01	.12	.37		15
16	.00	.00	.08	.02	.00	.00	.20	.00	.95	.21	.00	.15		16
17	.00	.00	.38	.00	.00	.00	.24	.00	.12	.01	.01	.15		17
18	.00	Snow .01	.13	.00	.00	.00	.09	.27	.65	.00	.00	.65		18
19	Snow .35	.27	.19	.10	.00	.00	.04	.00	.09	.01	1.30	.00		19
20	.00	.04	.16	.40	.00	.00	.01	.17	.02	.54	.18	.00		20
21	.00	.00	.19	.05	.00	.40	.00	.01	.00	.03	.00	.00		21
22	.00	.06	.01	.00	.00	.13	.00	.01	.28	.00	.00	.00		22
23	Snow .05	.06	.07	.21	.04	.00	.34	.00	.00	.00	.19	.00		23
24	Snow & Rain 1.90	.04	.00	.00	.00	.00	.03	.01	.00	.00	.02	.00		24
25	.10	.00	.00	.00	.28	.01	.00	.00	.00	.00	.02	.00		25
26	.40	.51	.04	.00	.00	.03	.00	.04	.00	.00	.22	.00		26
27	Snow .24	.14	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00		27
28	.02	.02	.02	.00	.04	.00	.00	.07	.00	.00	.00	.20		28
29	.00	.00	.42	.02	.00	.03	.24	.00	.00	.03	.03	.37		29
30	.00	×	.02	.01	.04	.00	.00	.00	.00	.31	.03	.47		30
31	.09	×	.46	×	.02	×	.00	.02	×	.29	×	.00		31
TOTAL	3.36	1.55	5.29	1.83	1.60	.60	3.80	1.25	3.29	4.34	5.15	5.43	Year's Total 37.49	^
* Days with .01 in. or more.	11	15	21	15	9	5	21	16	12	15	20	18	178	^
* Days with .04 in. or more.	9	10	17	10	8	2	17	11	10	9	15	17	135	^

† Spare column, no entries required.

(*Signed*) ....

Borough Engineer and Surveyor.

* See Instruction 3 (f) on other side.

[P.T.O.

3658

Section **A** for the entry of I

AIR MINISTRY.

Y FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

REGIST

3658

WHISCALES HOUSE

1931 —— 40

780702

Kept at Whiscales

in the County of Cumb

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

THE MORNING MEASUR

An observer who does not conform to th
year in the space on the right of this

wing

Jan. 1, following

Date	Jan.	Feb.	March	A							Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	—	·03	—	·02	·16	—	·6	·5	—	·05	1
2	—	—	—	·05	—	·9	—	—	·5	·02	·35	·6	2
3	—	—	—	—	—	·1	1·01	—	·36	·21	1·41	·33	3
4	—	—	—	·12	—	—	·02	—	·02	·02	·04	·14	4
5	—	·2	—	—	·15	·8	—	·01	—	·02	—	·98	5
6	—	·21	—	—	·04	·39	—	—	—	·64	·26	—	6
7	—	·14	—	—	—	·22	—	·35	—	·12	·06	·16	7
8	·15	·16	—	—	—	·05	·56	·11	—	·06	·11	·01	8
9	·03	·14	·02	—	·17	·13	·16	·32	·22	·75	·24	·02	9
10	·06	·06	—	—	·6	·23	—	—	·4	—	·5	·03	10
11	·24	·25	—	—	·1	·03	·69	·02	—	·1	·15	·01	11
12	·02	—	—	·05	—	·06	·21	·03	·05	·08	—	·03	12
13	—	—	·5	·02	·09	—	·25	—	—	—	·41	—	13
14	·1	·09	·02	—	·01	1·63	·25	·14	—	—	·47	·03	14
15	·01	·13	—	·1	—	·88	·16	·12	—	—	—	—	15
16	·11	·01	—	·2	—	·08	·06	·35	·4	—	—	—	16
17	—	·02	—	·01	—	·07	·3	·12	—	—	·15	—	17
18	·11	—	—	—	·27	·09	·01	·12	—	—	·35	—	18
19	·08	·44	·02	—	—	—	—	1·75	—	—	—	—	19
20	—	·05	·06	—	—	·01	—	·12	—	—	·15	—	20
21	·33	·01	·12	·02	—	·01	·05	·3	—	—	—	—	21
22	·3	·04	·01	·08	·05	·09	·19	—	—	—	·03	·25	22
23	·22	—	—	·11	·09	·15	—	—	—	—	·46	·97	23
24	·12	·37	—	·09	·12	—	·04	—	—	—	·45	·09	24
25	—	·03	—	·19	·02	—	—	—	—	—	·07	·02	25
26	·03	—	—	·06	—	—	—	—	—	·02	·6	—	26
27	·12	·02	—	—	·05	—	·19	—	—	·09	·22	·11	27
28	·3	·02	—	·04	·1	—	·06	—	—	—	—	·11	28
29	·02	—	—	—	·03	—	·8	—	—	·53	—	—	29
30	·01	✕	—		—	—	—	—	·05	—	—	—	30
31	·35	✕	—	✕	·21	✕	·01	—	✕	·35	✕	·39	31
TOTAL	2.71	2.44	·75	1.17	2.1	5.94	5.18	3.86	2.6	3.58	6.48	4.33	YEAR'S TOTAL 41·14
*Days with ·01 in. or more.	20	19	7	15	16	20	20	14	9	15	20	19	195
*Days with ·04 in. or more.	14	13	3	11	12	16	17	10	8	11	19	12	147

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) E. W. Trench [P.T.O.

3658

Section **A** for the entry of E Y FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Waiscales House

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 440 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	–	·03	–	·02	·16	–	·6	·5	–	·05	1
2	–	–	–	·05	–	·9	–	–	·5	·02	·35	·6	2
3	–	–	–	–	–	·1	1·01	–	·36	·21	1·41	·33	3
4	–	–	–	·12	–	–	·02	–	·02	·02	·04	·14	4
5	–	·2	–	–	·15	·8	–	·01	–	·02	–	·98	5
6	–	·21	–	–	·04	·34	–	–	–	·64	·26	–	6
7	–	·14	–	–	–	·22	–	·35	–	·12	·06	·16	7
8	·15	·16	–	–	–	·05	·56	·11	–	·06	·11	·01	8
9	·03	·14	·02	–	·17	·13	·16	·32	·22	·75	·24	·02	9
10	·06	·06	–	–	·6	·23	–	–	·4	–	·5	·03	10
11	·24	·25	–	–	·1	·03	·64	·02	–	·1	·15	·01	11
12	·02	–	–	·05	–	·06	·21	·03	·05	·08	–	·03	12
13	–	–	·5	·02	·09	–	·25	–	–	–	·41	–	13
14	·1	·09	·02	–	·01	1·63	·25	·14	–	–	·47	·03	14
15	·01	·13	–	·1	–	·88	·16	·12	–	–	–	–	15
16	·11	·01	–	·2	–	·08	·06	·35	·4	–	–	–	16
17	–	·02	–	·01	–	·07	·3	·12	–	–	·15	–	17
18	·11	–	–	–	·27	·09	·01	·12	–	–	·35	–	18
19	·08	·44	·02	–	–	–	–	1·75	–	–	–	–	19
20	–	·05	·06	–	–	·01	–	·12	–	–	·15	–	20
21	·33	·01	·12	·02	–	·01	·05	·3	–	–	–	–	21
22	·3	·09	·01	·08	·05	·09	·19	–	–	–	·03	·25	22
23	·22	–	–	·11	·09	·15	–	–	–	–	·46	·97	23
24	·12	·37	–	·04	·12	–	·04	–	–	–	·45	·09	24
25	–	·03	–	·19	·02	–	–	–	–	–	·07	·02	25
26	·03	–	–	·06	–	–	–	–	–	·02	·6	–	26
27	·12	·82	–	–	·05	–	·19	–	–	·09	·22	·11	27
28	·3	·02	–	·04	·1	–	·06	–	–	–	–	·11	28
29	·02	–	–	–	·03	–	·8	–	–	·53	–	–	29
30	·01	×	–		–	–	–	–	·05	–	–	–	30
31	·35	×	–	×	·21	×	·01	–	×	·35	×	·39	31
TOTAL	2.71	2.44	·75	1.17	2.1	5.94	5.18	3.86	2.6	3.58	6.48	4.33	YEAR'S TOTAL 41·14
*Days with ·01 in. or more.	20	19	7	15	16	20	20	14	9	15	20	19	195
*Days with ·04 in. or more.	14	13	3	11	12	16	17	10	8	11	19	12	147

40-9999

(Signed) E. W. Trench [P.T.O.

*See Instruction 2 (*f*) on other side.

227865/32 3658

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3658

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Wuiscales House
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 6 in.
,, Ground ,, Sea Level ~~1 4~~440 ft.

Dec 3'Row

AV 372

9490

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·45	–	–	·24	–	–	–	–	·95	·05 ·50	·14	·34	1
2	·23	–	–	·11	·09	–	·25	·09	·62	–	·19	·07	2
3	·02	–	–	–	–	–	·21	–	·12	–	·07	– (·30)	3
4	·06	–	–	–	–	–	·17	–	·02	·04	–	–	4
5	·21	–	·15	·14	·01	–	–	–	·42	–	–	–	5
6	·2	–	·08	·32	–	–	–	–	·02	·27	–	–	6
7	·03	–	·33	·09	·04	–	–	–	·04	·5	–	–	7
8	·1	–	–	·16	–	–	–	–	·34	·42	–	–	8
9	·83	–	–	·18	–	·	–	–	·1	·62	–	–	9
10	·28	–	–	·1	–	–	–	–	·63	·04	–	–	10
11	·15	–	–	–	·44	–	·12	·01	–	–	–	·01	11
12	·42	–	·01	–	·98	–	·71	·34	–	·39	–	–	12
13	·01	–	–	·24	·11	–	·1	·01	·34	·18	–	·09	13
14	·4	–	–	·05	–	–	–	–	–	–	–	·12	14
15	·1	–	–	–	·28	–	·07	·01	·01	·12	–	·16	15
16	·49	–	–	–	–	–	–	·08	–	·12	–	·82	16
17	–	–	–	–	–	–	·08	·05	–	·36	–	·69	17
18	·02	–	–	–	·12	–	–	–	·02	–	–	·33	18
19	·02	–	·01	·04	·07	–	·11	–	–	·25	–	·15	19
20	·06	–	·09	·14	·01	–	–	·73	–	·12	·08	·05	20
21	·17	–	·58	·09	–	–	·03	·17	–	·56	·32	·02	21
22	–	–	·08	·13	–	–	·02	–	–	·25	·3	·11	22
23	–	–	–	·05	–	–	·13	–	–	·17	·45	·09	23
24	·22	–	–	·1	·04	–	·34	–	·34	·01	·12	·04	24
25	–	–	–	–	·11	·03	·14	–	·25	– (·30)	·13	–	25
26	–	–	–	–	·03	–	·39	·1	·1	·09	·04	·05	26
27	–	–	·53	·02	–	·67	·04	–	–	–	–	·17	27
28	–	–	·02	·03	·2	–	·09	–	–	·04	–	–	28
29	–	–	1·02	·10	·02	·15	·15	·3	·04	·62	·34	·13	29
30	–	×	·07	·05	–	·53	(·35)	·06	·12	·06	·30	·04	30 (38.63)
31	–	×	–	×	–	×	–	·27	×	·05	×	·14	31
TOTAL	4.47	–	2.97	2.38	2.55	1.38	3.15	2.22	4.48	5.33	2.48	3.62	YEAR'S TOTAL 35.03
*Days with ·01 in. or more.	21	–	12	20	15	4	18	13	18	23	12	20	176
*Days with .04 in. or more.	16	–	9	18	11	3	16	10	14	22	12	18	149

1st quar 7.44

2nd quar 6.31

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) E. W. French

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3658

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Cumb/3

1932 Low fop.

Workington

Kept at (Winscales House)

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 440 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·11	·01	·05	–	–	·16	–	·05	–	–	·16	–		1
2	·4	–	·01	·02	–	·6	–	·01	–	–	–	–		2
3	·08	·41	·14	–	·35	–	–	–	–	–	–	–		3
4	·55	·18	·09	–	·27	–	–	–	–	–	·11	–		4
5	–	·04	·31	–	·1	–	–	–	–	–	·01	–		5
6	·05	·2	·03	–	·26	–	–	–	–	–	–	–		6
7	–	·16	·01	–	·09	–	·2	·06	–	·75	–	–		7
8	·2	·03	·34	·52	·08	–	·04	–	–	·35	·06	–		8
9	–	·38	–	–	·01	–	·97	–	–	·73	·14	–		9
10	·17	–	–	–	–	·17	·12	–	–	·16	–	–		10
11	–	–	–	·13	–	–	·03	–	–	·09	–	·34		11
12	·11	–	–	–	–	–	·06	–	–	·16	·06	·01		12
13	–	–	·07	–	·19	–	·12	·18	·04	·02	·35	–		13
14	·82	–	·02	–	–	–	·24	·05	–	–	·29	–		14
15	·07	–	·16	·01	·03	·1	·02	·17	–	·27	·03	·01		15
16	–	–	·13	·2	·26	·27	–	·1	–	·04	–	–		16
17	·01	–	·39	·08	–	·27	·01	·08	·06	·02	·05	·01		17
18	–	–	·6	–	–	·23	–	·2	–	–	·06	·02		18
19	–	·01	·05	–	–	·05	–	–	Thunder ·94	–	·54	–		19
20	–	·21	–	–	·06	·05	–	·07	·16	–	–	–		20
21	–	–	–	–	–	–	–	·08	–	–	–	–		21
22	–	–	–	–	·57	–	–	–	–	·12	–	–		22
23	–	–	–	·15	–	–	–	–	–	–	–	–		23
24	–	·04 snow	–	·36	·24	·06	·24	·02	·09	–	–	·02		24
25	–	·17	–	·08	–	–	·05	·02	·08	–	–	·04		25
26	–	·34	–	·22	–	–	–	–	·15	–	–	·01		26
27	–	·01	–	·03	–	–	·58	·03	–	·17	–	–		27
28	–	·01	–	–	–	–	·06	1·03	–	·05	–	–		28
29	–	–	–	·13	·01	–	·06	–	–	·01	–	[illegible]		29
30	·13 snow	✕	–	–	–	–	·6	–	–	·05	–	·05		30
31	·35	✕	·15	✕	–	✕	–	·42	✕	·04	✕	·02		31
TOTAL	3.05	2.2	2.55	1.93	2.52	1.96	3.4	2.58	1.52	3.03	1.86	·63	Year's Total 27.23	
*Days with ·01 in. or more.	13	15	16	12	14	10	16	17	7	16	12	11	159	
*Days with .04 in. or more.	12	10	12	9	11	10	13	12	7	13	10	3	122	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(Signed) (Miss) Evelyn W. Trench

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 3658

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

X/Cumb/3

Workington

Kept at (Winscales House)

in the County of Cumberland

File No. 227865/33

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 440 ft.

1932 + 1933 Comp [illegible] [illegible]

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: AV. 37·2

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·38	–	·27	–	·02	–	–	·11	·07	–	–	·28		1
2	–	–	·05	–	–	–	–	·66	·15	–	·23	·35		2
3	·55	·04	·01	–	–	–	–	–	·26	·21	·19	·14		3
4	·22	–	·06	–	·11	–	–	–	·11	·14	–	·83		4
5	–	–	·02	–	·14	–	–	·18	–	·13	–	·21		5
6	·12	·01	·06	·11 Thaw	·48	·01	–	·03	·03	·21	–	·07		6
7	·2	·01	·07	·18	·05	–	–	–	·02	·02	·09	·2		7
8	–	–	·08	–	·28	·12	–	·2	·12	·23	–	·2		8
9	·16	–	–	·21	–	–	–	·2	·04	·26	·28	·39		9
10	·16	–	·01	–	–	–	–	·21	·16	·04	–	–		10
11	·31	–	–	·48	–	–	–	·08	–	–	·04	·22		11
12	·05	–	·02	·39	–	–	–	·01	–	·05	–	·13		12
13	·11	–	–	·12	·06	–	·45	–	–	·11	–	–		13
14	·22	–	·21	·01	·02	·07	–	·01	–	·25	–	·27		14
15	·05	–	·01	·03	·8	–	·1	·33	·02	–	·01	·01		15
16	·36	–	·39	·01	·08	–	–	–	–	·05	·03	·01		16
17	·14	–	·1	·16	·11	–	·26	–	·16	–	–	·56		17
18	·5	–	·06	·17	·19	·76	–	·39	·01	·02	–	·36		18
19	–	·02	·03	·04	·34	·3	–	·05	·13	·3	·34	·06		19
20	·01	–	–	·53	·44	·02	–	·4	–	·1	–	–		20
21	–	–	·12	·01	·02	·27	·13	·28	·21	·38	–	–		21
22	·06	–	·01	·05	–	·26	·01	·02	·3	·01	·06	–		22
23	–	–	·06	·41	–	–	–	·11	–	·5	·16	–		23
24	–	·15	–	·06	·27	·01	·11	–	·15	·69	·02	–		24
25	·07	·04	·03	·14	–	–	·13	–	·36	·55	·05	·36		25
26	·03	–	–	–	–	·34	·07	–	·19	·55	–	·27		26
27	–	–	–	·12	–	·11	·17	·26	·04	·03	·03	·27		27
28	–	–	–	–	–	·06	·02	·56	·16	·11	–	·47		28
29	·02	–	–	–	–	–	·09	·16	·18	·08	·03	·11		29
30	·3	×	–	–	–	–	·05	·11	1.15	·16		·08		30
31		×		×		×	–	·1	×		×	·16		31
TOTAL	4.02	·27	1.67	3.23	3.41	2.33	1.59	4.46	4.02	5.18	1.55	6.01	Year's Total. 37.74	
* Days with .01 in. or more.	21	6	20	19	16	12	12	22	22	25	14	24	213	
* Days with .04 in. or more.	18	3	12	15	13	9	10	18	18	21	9	22	168	

Some improvement [illegible] about 3" [illegible]

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Miss E. W. Trench

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3658

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Cum. 13

Tow. np 1934

Kept at Workington (Wiscales House)
in the County of Cumberland

Diameter of Funnel of Gauge 5 in. 0 (on inspection)
Height of top of Gauge above Ground 1 ft ~~8~~ in.
,, Ground ,, Sea Level 440 ft.

Ave. 37·2

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·32	·14	—	·04	·01	—	·07	—	·76	·02	·04	·18		1
2	—	·12	—	—	—	·1	—	—	·16	·39	·48	·01		2
3	·02	·17	·07	—	—	·11	·07	—	·04	—	·29	—		3
4	—	·09	·02	—	—	·22	·06	—	·26	·09	—	·06		4
5	—	—	·07	—	—	·01	—	—	—	·07	·13	·06		5
6	·03	—	—	—	—	·24	—	—	—	·03	·29	—		6
7	—	—	—	·12	—	·29	—	—	—	1·17	—	·28		7
8	—	—	—	·17	—	·34	—	—	—	·42	·02	·19		8
9	·01	·07	—	·50	—	·01	—	—	—	1·14	·05	—		9
10	·10	·41	—	·07	—	·39	·07	—	·01	·01	·03	—		10
11	·23	·04	—	—	—	·14	—	·27	—	·12	·15	—		11
12	—	·2	—	—	—	·04	—	—	·17	·09	·17	—		12
13	·12	·02	—	·08	·19	—	—	—	·05	·1	·23	—		13
14	—	·12	—	·29	—	·2	·01	·03	·12	·01	·14	·13		14
15	—	·27	—	—	·2	—	—	—	·13	·23	·28	·1		15
16	—	·43	·03	·68	·15	·03	·21	·07	·35	—	·24	—		16
17	—	—	—	·23	—	·17	—	·04	·13	·33	·42	—		17
18	·01	·23	—	—	—	—	—	—	·74	·23	—	—		18
19	—	·57	—	·07	—	·2	·79	·03	—	·08	·07	—		19
20	—	·25	—	·2	—	·09	—	—	·01	—	—	—		20
21	—	·03	·28	·02	—	—	—	—	·16	·12	—	—		21
22	—	·12	·09	—	—	—	—	—	·01	—	—	—		22
23	·01	·37	·09	·08	—	·22	—	·02	·08	·14	—	—		23
24	·13	·35	·14	—	—	—	—	—	·57	·06	·02	·04		24
25	·10	—	·02	—	—	·05	—	·15	·02	·06	·21	·01		25
26	—	·1	—	—	—	·31	·02	1·34	·16	·31	—	·16		26
27	—	·15	—	—	—	·11	·33	·03	·17	·15	·56	·05		27
28	·04	·04	—	—	—	—	—	·04	·21	·36	·08	·02		28
29	·01	~~·01~~	·14	—	—	·11	—	·33	·86	·12	·16	·08		29
30	—	×	—	—	—	·28	—	·11	·08	·42	·42	·02		30
31	·11	×	—	×	—	×	—	—	×	·01	×	·34		31
TOTAL	1.24	4.29	·95	2.55	·55	3.66	1.63	2.46	5.25	6.28	4.48	1.73	Year's Total. 35.07	
* Days with .01 in. or more.	14	22	10	13	4	22	9	12	23	27	22	16	194	
* Days with .04 in. or more.	8	20	7	12	3	19	7	8	19	22	19	12	156	

40-9999 (Miss E. W. TRENCH)

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) E. W. Trench [P.T.O.

COPY FOR OFFICIAL USE

Station No. 3658

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at Whiscales House

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" Ground " Sea Level 440 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.2	.17	–	–	–	–	.87	.75	.15	–	.37	.12		1
2	–	–	–	–	–	–	–	.01	.46	–	.31	.11		2
3	–	–	–	–	–	.18	–	–	.17	–	.02	.09		3
4	.5	–	.21	–	–	–	.08	–	.28	–	.4	.17		4
5	.2	.03	.05	–	–	.14	–	.36	.15	–	.12			5
6	.09	–	.02	–	.15	.01	.29	.36	.52	–	.39	–		6
7	–	–	.14	–	–	–	–	–	.27	–	.58	.25		7
8	.19	–	.29	–	–	–	–	.04	–	–	.1	–		8
9	.57	–	.08	–	–	.04	–	.05	.14	–	.34	–		9
10	.15	–	–	–	–	–	–	–	.01	–	.21	–		10
11	–	–	–	.01	–	.05	.02	.2	.27	–	.17	.76		11
12	–	–	–	.07	.02	–	.03	–	.33	–	.03	.21		12
13	–	–	–	–	.15	–	.1	.09	.19	.37	.26	1.29		13
14	–	–	–	.07	.01	.83	–	.14	1.42	.02	.14	.42		14
15	.02 Snow	–	–	–	.22	.82	–	–	–	.08	.18	.49		15
16	–	–	.03	.16	.14	.43	.04	.02	–	.06	.41	.01		16
17	.05	.17	.01	–	.21	.15	.1	.09	–	.09	.06	.41		17
18	–	.13	–	.04	–	–	.11	.18	–	.55	–	.01		18
19	.1 Snow	.22	.01	–	–	.01	.66	.04	–	.05	–	.01		19
20	.24	.44	.33	–	–	–	.11	–	–	.14	–	.07		20
21	–	.13	.04	–	–	.2	–	–	–	.01	–	.19		21
22	.08	.23	.04	–	–	.41	.15	.01	–	.1	–	–		22
23	.01	.19	.02	.06	–	–	.34	–	–	.29	.01	–		23
24	.01	–	–	.19	.54	–	.11	–	.76	.58	–	–		24
25	.37	.02	–	.11	–	–	.16	–	.27	.1	–	.03		25
26	.23	.07	–	.01	–	–	–	–	.03	.42	–	–		26
27	.15	–	.03	–	–	–	–	–	–	.11	.04	–		27
28	.11	.19	.04	.06	.04	.12	.28	–	–	–	.07	.02		28
29	.02	.12	.26	–	.01	.6	.08	–	–	.32	.07	.01		29
30	.05	×	.04	–	.02	.05	.74	.05	–	.11	.02	.08		30
31	.03	×	.03	×	–	×	.02		×	–	×	.09		31
TOTAL	3.37	2.11	1.67	.78	1.51	4.04	4.29	2.39	5.42	3.4	4.3	4.99	Year's Total 38.27	
* Days with .01 in. or more.	21	13	18	10	11	15	19	15	16	17	22	22	199	
* Days with .04 in. or more.	16	11	11	8	7	13	16	11	14	15	18	16	156	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Evelyn W. Trench [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3658

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Winscales House

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 440 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·05	·01	·01	—	—	—	·05	—	·37	·41	—	·18		1
2	·03	·34	·1	·2	—	·21	·06	—	·06	—	—	—		2
3	·03	·41	—	—	—	·53	1·13	—	—	—	—	·11		3
4	·26	—	—	·1	·04	·22	·21	—	·71	—	—	·47		4
5	·53	—	—	·07	—	·52	·41	—	·49	—	—	·12		5
6	·01	—	·01	·11	·07	·41	·06	·09	·03	—	—	—		6
7	·03	·15	—	·24	—	—	·02	—	·04	—	—	·04		7
8	·01	·32	—	·17	—	·08	·19	—	·02	—	—	—		8
9	·01	·16	—	·04	·17	·03	·11	·1	—	—	—	—		9
10	·01	·06	—	—	·05	·03	·01	—	—	—	—	·83 Snow		10
11	·09	—	·1 Snow	—	—	·07	—	—	—	—	—	—		11
12	1·06	·17	·07 "	·1	·04	·12	·05	·21	·29	·01	—	·4 Snow		12
13	·02	·03	—	—	—	—	—	·44	·01	·01		·43 "		13
14	—	—	·01 "	—	—	—	·26	·22	·2	·06	—	·02 "		14
15	·36	·49	·03	·36	—	—	—	—	·1	—	—	—		15
16	·09	·19	·34	·41	—	—	—	·23	—	—	—	—		16
17	·34	·11	·19	·33	—	—	—	—	·11	—	—	—		17
18	—	·08	·11	—	—	—	·02	·31	—	—	·31	—		18
19	·11	·28	·01	·37	—	·03	—	—	—	—	·22	—		19
20	·12	·17	—	·01	·4	—	·31	—	—	·07	·03	·23		20
21	·34	·1	—	·1	—	—	·44	—	·01	·08	·09	·21		21
22	·04	—	—	·02	·36	—	·05	—	—	·46	·01	·26		22
23	·02	—	·15	—	·02	—	·15	—	·24	·83	—	·09		23
24	·18	—	·07	—	·1	—	·01	—	·33	·13	—	·06		24
25	·01	·22	—	—	—	—	—	—	—	·29	·02	·02		25
26	—	·36	·01	—	·12	—	·23	—	·01	·46	—	·04		26
27	—	·64 Snow	—	·16	—	·05	—	—	·08	·32	—	·01		27
28	—	—	—	—	—	·13	—	—	—	·03	·03	·01		28
29	—	X	—	—	—	·07	—	—	—	·06	·21	·01		29
30	·08	✕	—	—	—	·08	—	—	·57	·31	·28	—		30
31	·09	✕	—	✕	·08	✕	—	·41	✕	·08	✕	—		31
TOTAL	3·91	4.29	1.21	2.79	1.45	2.58	3.77	2.01	3.67	3.61	1.2	3.54	Year's Total 34.03	✓
* Days with .01 in. or more.	25	19	14	16	11	15	19	8	18	15	9	19	188	✓
* Days with .04 in. or more.	15	17	8	14	10	12	15	8	13	12	5	14	14~~4~~3	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) E. W. Trench [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3658

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Winscales House

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 6 in.

" Ground above Sea Level 440 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·11	·01	·06	—	1.17	—	—	·17	·04	·02	·11		1
2	—	·04	—	·24	—	·27	—	—	·31	·66	·06	·39		2
3	—	·01	—	—	—	·24	·26	—	·16	·96	·3	—		3
4	—	·01	·01	·1	—	·08	·01	—		·27	·01	·89		4
5	·01	·08	—	—	—	·07	·17	—	·21	·12	—	·01		5
6	·21	—	—	—	—	·58	·06	·02	—	·62	·03	—		6
7	·05	—	—	—	—	—	·6	·27	·01	·16	·29	·02		7
8	·16	·28	—	—	—	—	·29	·33	—	·45	·43	·08		8
9	·27	·14	·01	—	·02	·13	·05	·17	—	—	—	·33		9
10	·26	·02	—	—	—	·05	·33	—	—	·07	—	·09		10
11	·24	·01	—	—	·28	·16	·01	·35	·04	·52	·14	·13		11
12	·21	—	—	—	·24	—	—	·01	·01	1.39	1.01	·03		12
13	·04	—	—	—	·29	—	1.09	·03	—	·04	·08	·02		13
14	·55	—	—	—	·12	—	—	—	—	—	—	·01		14
15	·37	—	·35	—	·55	—	·01	·86	·05	·62	—	·19		15
16	·18	—	—	—	·54	—	·01	·06	·82	·35	·15	—		16
17	—	—	—	—	·52	—	·13	·33	·2	·5	·06	—		17
18	·17	—	·06	—	—	·1	·08	·29	—	·22	·47	—		18
19	—	—	·43	—	—	—	—	·31	·08	—	·15	—		19
20	·05	—	·74	—	—	—	—	·08	·1	—	·09	—		20
21	—	—	—	·01	·01	—	—	·01	·08	·32	·37	—		21
22	·01	—	—	—	·21	—	—	·08	·02	·03	·41	—		22
23	·18	—	—	—	·32	·21	—	—	·07	—	·19			23
24	·13	·05	·15	—	—	·36	·04	·01	·19	·31	·33	—		24
25	·02	·15	·04	—	·44	—	·47	—	·01	·09	·25	·23		25
26	·02	·38	·17	—	·29	·71	·08	—	—	·34	·05	·02		26
27	·25	·08	—	—	·01	·15	·49	·28	—	·01	·37	—		27
28	·17	·07	—	—	·14	·82	·32	—	·01	·04	·07	·12		28
29	·03	×	·01	—	·26	·03	2.04	—	·03	·11	·52	—		29
30	·13	×	—	—	—	—	·21	—	·13	·08	·29	—		30
31	·15	×	—	×	·57	×	—	—	×	·43	×	·53		31
TOTAL	3.86	1.43	1.98	·41	4.75	5.03	6.75	3.39	2.70	8.75	6.14	3.20	Year's Total 48.39	✓
* Days with .01 in. or more.	24	14	11	4	17	16	21	17	20	26	25	17	212	✓
* Days with .04 in. or more.	18	10	7	3	14	15	17	12	14	24	22	11	167	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) E. W. Trench [P.T.O.

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1939.

3658

Kept at Winscales House

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 6 in.

,, Ground ,, Sea Level 440 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.06		.4	.16	—	—	.27	.02	.1	—	—	.29	1
2	—	—	.34	.06	—	—	.14	.19	.31	—	—	.09	2
3	—	—	.06	.03	—	—	—	.07	.83	—	—	.48	3
4	—	.19	.37	—	—	—	.21	—	—	—	—	.15	4
5	—	.07	.02	—	—	—	.24	—	—	.13	.31	—	5
6	.22	.23	.02	—	—	—	.19	.01	.04	.01	.08	—	6
7	.55	.16	.13	—	—	—	.04	—	.11	—	.12	—	7
8	1.54	1.07	.1	.39	—	—	.13	—	.1	—	.24	.34	8
9	.28	.16	—			—	—	1.14	.29	.25	—	.34	9
10	—	—	.03	—	—	.07	—	.2	.76	.83	.1	.24	10
11	.04	.13	.23	—	—	.74	—	—	—	.01	.05	—	11
12	.26	.09	—	.14	—	.01	.11	—	.18	—	—	—	12
13	.05	—	.02	.09	.12	.02	.85	—	.03	—	.36	—	13
14	.43	.01	—	.14	.12	.76	.13	—	—	.02	.44	—	14
15	.31	—	.02	.25	—	.31	.58	—	—	—	.14	—	15
16	.16	.02	—	.03	—	—	.04	—	—	—	.28	—	16
17	.33	.08	.07	—	—	.38	—	—	—	—	.02	—	17
18	.21	.1	.15	—	—	.01	.02	—	—	—	.39	—	18
19	.12	—	—	—	—	—	.37	—	—	—	—	—	19
20	.04	.04	.01	—	—	.03	.19	—	—	—	—	—	20
21	.07	.49	.11	.05	.04	—	—	.11	.01	—	—	—	21
22	.09	.22	.05	.08	—	—	.07	.03	—	.06	.54	—	22
23	—	.2	—	.12	—	.04	.15	—	—	.01	—	—	23
24	.19 snow	.21	—	—	—	—	—	—	—	—	—	—	24
25	.24 "	—	—	.11	—	—	—	—	—	—	.89	.01	25
26	—	—	—	.08	—	—	—	.77	—	—	—	—	26
27	—	.22	.01	.01	—	.4	.21	.01	—	—	.02	.08 snow	27
28	—	.03	.11	—	—	.55	.79	—	—	—	.46	~~.08~~ ~~snow~~	28
29	—		.06	.01	—	.21	.25	—	—	.09	.12	—	29
30	—	✕	—	—	—	.02	.25	—	—	—	.33	—	30
31	—	✕	—	✕	—	✕	.21	—	✕	—	✕	—	31
TOTAL	5.19	3.72	2.31	1.75	.28	3.55	5.44	2.55	2.76	1.41	4.89	2.02	YEAR'S TOTAL 35.87
*Days with ·01 in. or more.	19	19	20	16	3	14	22	10	11	9	18	9	150
*Days with ·04 in. or more.	19	16	13	12	3	9	21	6	9	5	16	8	136

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(Signed) E. W. Trench [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE

Station No. 3658

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Winscales House

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ~~6~~ 0 in.

,, Ground ,, Sea Level 440 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·03	–	–	·03	–	–	–	·17	·27		1
2	–	–	–	·09	–	–	·37	–	–	–	·42	·2		2
3	–	·04	–	·01	–	–	·03	–	–	–	–	·08		3
4	–	·21	–	·03	–	–	·01	·12	·11	·04	–	·29		4
5	–	–	–	·07	·32	–	·03	–	–	·62	·12	·33		5
6	–	·07	–	–	–	–	·37	–	–	·41	·11	·03		6
7	·05	–	–	·21	·17	–	–	·14	–	·11	–	–		7
8	–	–	·22	–	–	–	–	·17	·09	·79	·11	·15		8
9	–	–	·76	·05	–	–	·35	·18	·28	·8	·45	·16		9
10	–	–	·11	–	–	–	·43	·02	–	–	·12	·15		10
11	–	–	1·17	·02	–	–	·52	–	·21	–	·77	–		11
12	–	–	·9	–	–	–	–	·07	·59	–	·05	–		12
13	·02	–	·05	–	–	–	·16	·14	·22	–	·07	·16		13
14	–	·05	·08	·08	–	–	·12	·11	·09	–	·05	·35		14
15	·04	–	·01	–	·46	–	–	–	–	–	·1	·09		15
16	–	–	·01	–	–	–	·21	–	·93	·13	·01	·11		16
17	–	–	·29	–	–	–	·51	·08	·09	·01	·02	·11		17
18	·06	·03	snow ·08	·04	–	–	·17	·41	·71	–	–	·5		18
19	·1 snow	·16	·29	·22	–	–	·06	–	·14	–	·52	–		19
20	–	·02	·1	·17	–	–	·13	·2	·03	·46	·1	–		20
21	–	–	·12	·02	–	·62	–	–	·05	–	–	–		21
22	–	·02	·01	–	–	·05	·19	·02	·27	–	–	–		22
23	·19 snow	·07	·06	·21	·06	–	–	–	·02	–	·16	–		23
24	1·29 "	·01	–	–	–	–	·23	–	–	–	–	–		24
25	·11 "	–	–	–	·26	–	–	·01	–	–	·02	–		25
26	·23 "	·26	·03	–	·01	–	–	·12	·01	–	·19	–		26
27	·1 "	·02	–	–	·09	–	–	–	–	–	·06	–		27
28	·12 "	–	·03	·11	·08	~~[illegible]~~	–	·26	–	–	–	·17		28
29	–	–	·24	–	~~[illegible]~~	·28	·24	–	–	·02	·05	·35		29
30	–	✕	·02		·04	–	–	–	–	·17	–	·63		30
31	·08	✕	·77	✕	–	✕	–	–	✕	·21	✕	–		31
TOTAL	2·39	·96	5·35	1·36	1·49	·95	4·16	2·05	3·84	3·77	3·67	4·13	Year's Total 34·12	
* Days with .01 in. or more.	11	12	21	15	9	3	19	15	16	12	21	18	172	
* Days with .04 in. or more.	10	7	15	10	8	–	15	12	13	10	18	17	135	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) E. W. Trench

[P.T.O.

Hallthwaites (Baystone

Section **A** for the entry of
AIR MINISTR

Form 1090

REGIS

Kept at ... ~~Knott End Fa~~

in the County of ......Cumber

Diameter of Funnel of Gauge......5

Height of top of Gauge above Gr

" Ground " Sea

THE MORNING MEASUR

An observer who does not conform
year in the space on the right of th

Ple

3658/3

HALLTHWAITES

1940

780704

tion No. 36

ORGANIZATI

780704

39

DAY

llowing

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May							Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-				-	-	-				·86	·04		1
2	-				-	-	·10				·18	·26		2
3	-				-	-	·23				·83	·98		3
4	-				-	-	·15				-	·40		4
5	-				·10	-	·09				-	·45		5
6	·01				·01	-	-				·20	·63		6
7	·10				·05	-	-				·01	·12		7
8	-				·05	-	-				-	-		8
9	-				-	-	·40				·45	·46		9
10	-				·	-	3·36				·74	·27		10
11	-				-	-	-				·54	1·04		11
12	-				-	-	·65				1·30	-		12
13	-				·	-	·07				·62	-		13
14	-				·	-	·18				·10	·92		14
15					·40	-	-				·13	·31		15
16					-	-	-				·14	·52		16
17					-	-	·40				-	·13		17
18					-	-	·82				·03	·14		18
19	GAUGE BURST - FROST.				-	-	-				-	·62		19
20					-	-	-				·70	-		20
21					-	-	·26	No Daily records	No Daily records	No Daily records	·33	-		21
22					-	·59	·14				·29	-		22
23					·01	·	·04				-	-		23
24					·03	-	-				·35	-		24
25					·56	-	-				-	-		25
26					-	·23	-				·	·		26
27					-	-	·08				·33	-		27
28					-	-	-				·21	·		28
29					·	·11	-				-	·62		29
30		X			·04	·	·13				-	1·08		30
31		X		X	·02	X	-		X		X	·46		31
TOTAL	-	-	-	-	1·27	·93	7·10	2·79	6·00	7·05	8·34	9·45	Year's Total -	
* Days with .01 in. or more.	-	-	-	-	10	3	16	-	-	-	20	19	-	
* Days with .04 in. or more.	-	-	-	-	6	3	16	-	-	-	18	19	-	

Millom R.D.C.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) W.G. Wonnacott

[P.T.O.

Hallthwaites (Baystone

Section **A** for the entry of Daily Observations

Station No. 36[illegible]

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

780704

Form 1090

REGISTER OF RAINFALL IN 1940

Kept at ~~Knott End Farm~~

in the County of Cumberland

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 3 in.

,, Ground ,, Sea Level 400 ft.

Readings from new met gauge supplied end of 1939

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–				–	–	–				·86	·04		1
2	–				–	–	·10				·18	·26		2
3	–				–	–	·23				·83	·98		3
4	–				–	–	·15				–	·40		4
5	–				·10	–	·09				–	·45		5
6	·01				·01	–	–				·20	·63		6
7	·10				·05	–	–				·01	·12		7
8	–				·05	–	–				–	–		8
9	–				–	–	·40				·45	·46		9
10	–				–	–	3·36				·74	·27		10
11	–				–	–	–				·54	1·04		11
12	–				–	–	·65				1·30	–		12
13	–				–	–	·07				·62	–		13
14	–				–	–	·18				·10	·92		14
15					·40	–	–				·13	·31		15
16					–	–	–				·14	·52		16
17					–	–	·40				–	·13		17
18					–	–	·82				·03	·14		18
19	Gauge Burst – Frost.				–	–	–				–	·62		19
20					–	–	–				·70	–		20
21					–	–	·26	No Daily records	No Daily records	No Daily records	·33	–		21
22					–	·59	·14				·29	–		22
23					·01	–	·04				–	–		23
24					·03	–	–				·35	–		24
25					·56	–	–				–	–		25
26					–	·23	–				–	–		26
27					–	–	·08				·33	–		27
28					–	–	–				·21	–		28
29					–	·11	–				–	·62		29
30		×			·04	–	·13				–	1·08		30
31		×		×	·02	×	–		×		×	·46		31
													Year's Total	
TOTAL	–	–	–	–	1·27	·93	7·10	2·79	6·00	7·05	8·34	9·45	–	
* Days with .01 in. or more.	–	–	–	–	10	3	16	–	–	–	20	19	–	
* Days with .04 in. or more.	–	–	–	–	6	3	16	–	–	–	18	19	–	

Millom R.D.C.

* See Instruction 3 (i) on other side.

† Spare column, no entries required.

(Signed) W. J. Wannacott

[P.T.O.

3658/5   36585

ULPHA.

1935 — 40.

780704

FFICIAL USE.

Station No. 3658/5

OFFICE.—BRITISH RAINFALL ORGANIZATION.

INFALL IN 1935.

[illegible]/4 Ulpha

This is a continuation station from Stn. No. 3020

TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·91	·76	·03	·07	-	-	·16	-	1·37	·12	·15	·69		1
2	·07	·22	·13	-	-	·12	-	-	·51	·65	·30	·42		2
3	·09	·91	·22	·22	-	·13	·38	-	-	-	·36	·38		3
4	-	·13	·11	·01	-	·31	·07	-	·15	·08	·01	·31		4
5	-	·50	·05	·05	-	·01	·07	-	·10	·03	·22	·22		5
6	·03	-	-	·05	-	·83	-	-	-	—	·30	-		6
7	-	-	-	·38	-	·13	-	-	-	1·52	·01	·52		7
8	-	-	-	·34	-	·43	-	·04	-	·47	·05	·77		8
9	·10	·04	-	1·28	-	-	·02	-	-	1·12	·31	-		9
10	·35	·83	-	·02	-	·15	·03	-	-	·01	·14	-		10
11	·71	·14	-	·07	-	·42	-	·05	-	·44	·20	-		11
12	·02	·52	-	-	-	·23	-	-	·29	-	·04	-		12
13	·20	·20	-	·31	·49	·04	·13	-	·26	·35	·42	·01		13
14	-	·06	-	·04	-	·15	·01	-	·07	-	·60	·57		14
15	·05	1·26	-	·53	·25	·02	-	·01	·72	·21	·21	·51		15
16	-	·53	·04	1·64	·40	·02	·04	·09	·60	-	·10	-		16
17	-	-	-	·53	-	·25	·01	·33	·40	·43	·12	-		17
18	-	·19	·03	·01	·10	·01	-	·03	2·56	·36	·01	-		18
19	-	1·53	-	·12	·02	·67	2·20	·01	·03	·30	·27	-		19
20	-	1·15	-	·65	-	·45	·04	-	-	·01	·26	-		20
21	-	·07	·38	-	-	·01	·01	-	1·20	·28	-	·33		21
22	-	·16	·13	·15	-	-	·03	-	·17	-	-	-		22
23	·11	·14	·43	·06	-	·01	-	·04	·18	1·20	-	-		23
24	1·45	1·17	·22	·01	-	-	-	-	·58	·03	·02	·41		24
25	·40	-	·05	-	-	·06	-	·09	·01	·06	·39	·06		25
26	-	·06	-	-	-	·41	·22	2·19	·57	·99	-	·67		26
27	-	·40	-	-	-	·33	·79	-	·31	1·83	1·50	·07		27
28	·02	·19	-	-	-	·02	-	·18	·33	1·08	·43	·06		28
29	-	X	·26	-	-	-	-	·86	1·22	·44	·19	·57		29
30	·10	✕	-	-	-	·24	-	·22	·82	·43	·87	·07		30
31	·49	✕	-	✕	-	✕	-	·02	✕	·16	✕	1·32		31
													Year's Total	
TOTAL	5·10	11·16	2·08	6·54	1·26	5·45	4·21	4·16	12·39	12·60	7·48	7·96	80·39	
* Days with .01 in. or more.	16	23	13	21	5	25	16	14	22	25	26	19	225	
* Days with .04 in. or more.	13	23	11	17	4	18	10	10	20	21	22	18	187	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

footnote † Gauge previously in N. Lancs —|

footnote # New gauge March 1935 § Turf wall March 1935

FICIAL USE. X Station No. 3658/5

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Ulpha † #
in the County of Cumberland
Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft. — in.
„ Ground „ Sea Level 251: 25 ft.

Cumb/4 Ulpha

This is a continuation station from Stn. no. 3020

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·91	·76	·03	·07	-	-	·16	-	1·37	·12	·15	·69		1
2	·07	·22	·13	-	-	·12	-	-	·51	·65	·30	·42		2
3	·09	·91	·22	·22	-	·13	·38	-	-	-	·36	·38		3
4	-	·13	·11	·01	-	·31	·07	-	·15	·08	·01	·31		4
5	-	·50	·05	·05	-	·01	·07	-	·10	·03	·22	·22		5
6	·03	-	-	·05	-	·83	-	-	-	—	·30	-		6
7	-	-	-	·38	-	·13	-	-	-	1·52	·01	·52		7
8	-	-	-	·34	-	·43	-	·04	-	·47	·05	·77		8
9	·10	·04	-	1·28	-	-	·02	-	-	1·12	·31	-		9
10	·35	·83	-	·02	-	·15	·03	-	-	·01	·14	-		10
11	·71	·14	-	·07	-	·42	-	·05	-	·44	·20	-		11
12	·02	·52	-	-	-	·23	-	-	·29	-	·04	-		12
13	·20	·20	-	·31	·49	·04	·13	-	·26	·35	·42	·01		13
14	-	·06	-	·04	-	·15	·01	-	·07	-	·60	·57		14
15	·05	1·26	-	·53	·25	·02	-	·01	·72	·21	·21	·51		15
16	-	·53	·04	1·64	·40	·02	·04	·09	·60	-	·10	-		16
17	-	-	-	·53	-	·25	·01	·33	·40	·43	·12	-		17
18	-	·19	·03	·01	·10	·01	-	·03	2·56✓	·36	·01	-		18
19	-	1·53	-	·12	·02	·67	2·20	·01	·03	·30	·27	-		19
20	-	1·15	-	·65	-	·45	·04	-	-	·01	·26	-		20
21	-	·07	·38	-	-	·01	·01	-	1·20	·28	-	·33		21
22	-	·16	·13	·15	-	-	·03	-	·17	-	-	-		22
23	·11	·14	·43	·06	-	·01	-	·04	·18	1·20	-	-		23
24	1·45	1·17	·22	·01	-	-	-	-	·58	·03	·02	·41		24
25	·40	-	·05	-	-	·06	-	·09	·01	·06	·39	·06		25
26	-	·06	-	-	-	·41	·22	2·19	·57	·99	-	·67		26
27	-	·40	-	-	-	·33	·79	-	·31	1·83	1·50	·07		27
28	·02	·19	-	-	-	·02	-	·18	·33	1·08	·43	·06		28
29	-	X	·26	-	-	-	-	·86	1·22	·44	·19	·57		29
30	·10		-	-	-	·24	-	·22	·82	·43	·87	·07		30
31	·49		-		-		-	·02		·16		1·32	Year's Total	31
TOTAL	5·10	11·16	2·08	6·54	1·26	5·45	4·21	4·16	12·39	12·60	7·48	7·96	80·39	
* Days with .01 in. or more.	16	23	13	21	5	25	16	14	22	25	26	19	225	
* Days with .04 in. or more.	13	23	11	17	4	18	10	10	20	21	22	18	187	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) [P.T.O.

footnote † Gauge previously in N. Lancs —|
footnote # New gauge March 1935 § Turf wall March 1935

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3658/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

For 090.

REGISTER OF RAINFALL IN 1936.

Kept at Ulpha

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 261 ft.

Totals.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.21	.25	.08	.02	-	-	.17	.90	.18	-	.66	.74		1
2	.03	.02	-	-	-	.03	.04	.34	.64	-	.28	.27		2
3	-	-	-	-	-	.05	.01	.15	.74	-	.03	.09		3
4	1.49	.12	.78	-	-	-	.04	.11	.60	-	.76	.46		4
5	.57	.07	.45	-	-	.07	-	.65	.61	-	.26	.69		5
6	.43	-	.02	-	.15	.01	.65	.36	.94	-	.66	-		6
7	-	-	.73	-	-	-	-	-	.79	-	.99	.65		7
8	.76	-	.49	-	-	-	-	.12	-	-	.50	-		8
9	.96	-	.10	-	-	.08	.07	.11	.76	-	.66	.01		9
10	.82	-	-	-	-	-	.28	.18	.08	-	.80	-		10
11	.02	-	-	.02	-	.05	.29	.19	.48	-	.85	.92		11
12	.01	-	-	.01	-	.04	.19	-	.35	-	.05	.06		12
13	-	-	-	.02	.15	.04	.27	.21	.02	.78	.29	2.46		13
14	-	-	-	.14	-	1.13	.01	.77	.17	.12	.37	.94		14
15	.01	-	-	-	.24	.88	.01	.11	-	.09	.55	.68		15
16	.02	.07	.19	.01	.08	.35	.06	.02	-	.05	1.18	.01		16
17	.22	.75	.04	-	.11	.10	.05	.25	-	.24	.29	.93		17
18	-	.26	-	.08	-	-	.38	.23	-	1.65	-	.01		18
19	1.54	.27	.06	-	-	.02	.44	.97	-	.06	-	.04		19
20	.59	.40	.27	-	-	.02	.02	-	-	.37	-	.02		20
21	.19	.10	.06	.02	-	.12	-	.02	-	.16	-	.20		21
22	.08	.22	.07	-	-	1.63	.28	-	-	.12	-	.03		22
23	.03	.04	.06	.53	-	-	2.09	.02	-	.22	-	-		23
24	.34	-	-	.17	.37	-	.20	-	.78	1.01	-	.12		24
25	.35	.05	-	.19	-	-	.44	-	.10	.10	.04	.03		25
26	.37	.36	.19	.11	-	-	.22	-	.34	.68	-	-		26
27	.85	.05	.03	-	-	-	-	-	.03	.31	-	-		27
28	.12	.08	.18	.03	.12	.21	.05	-	-	.09	.31	.07		28
29	.02	.12	1.90	.02	.02	.57	.01	-	-	.82	.51	.05		29
30	.16	✕	.04	-	.02	.40	1.30	.05	-	.14	.18	.36		30
31	.05	✕	.11	✕	-	✕	.08	.08	✕	.01	✕	.67		31
TOTAL	10.24	3.23	5.85	1.37	1.26	5.80	7.65	5.84	7.61	7.02	10.22	10.51	Year's Total 76·60	✓
* Days with .01 in. or more.	26	17	20	14	9	19	26	21	17	19	21	25	234	✓
* Days with .04 in. or more.	19	16	18	6	7	15	21	18	15	18	20	19	192	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) C. Drummond. [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3658/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM [illegible]00.

REGISTER OF RAINFALL IN 1937.

Kept at Ulpha

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 251 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	.03	.24	-	-	-	.26	-	.79	.18	-	.33		1
2	.41	1.41	.08	.23	-	.23	.02	-	-	-	-	.04		2
3	.22	1.03	.05	.09	.03	1.64	.22	-	-	-	-	.07		3
4	.64	-	.11	.14	.34	.18	-	.01	.53	-	.05	.94		4
5	.80	-	.03	.18	-	.64	.78	-	1.53	-	-	.01		5
6	.01	.01	.01	.32	.33	.19	.05	-	.06	-	-	.02		6
7	.02	.76	-	.49	-	.01	.01	-	.10	-	-	-		7
8	.19	.47	-	.18	-	.36	.40	.04	.07	-	-	-		8
9	.24	.08	-	.26	.15	.10	.50	.42	.22	-	-	-		9
10	.09	.15	-	.05	.02	-	-	-	-	-	-	.95		10
11	.08	-	1.45	-	-	.11	.01	-	-	-	-	.02		11
12	2.13	.60	.63	.04	-	.08	.31	.05	.37	.01	-	.97		12
13	.12	.65	-	-	-	.11	.03	2.54	.03	.03	-	.19		13
14	-	.21	-	-	-	-	.20	.18	.63	.06	.01	.08		14
15	.48	1.34	-	.74	-	-	-	-	.53	-	-	-		15
16	.13	.46	1.23	.13	-	-	-	1103	.05	-	-	-		16
17	.31	.27	.47	.35	-	-	-	.04	.04	-	-	-		17
18	-	.59	.15	.03	-	-	.01	.46	-	-	.84	-		18
19	.08	.21	.02	1.05	-	.02	-	.02	-	-	.68	-		19
20	.26	.28	-	.41	.27	.11	.32	-	-	-	.02	.53		20
21	.53	.37	.01	.31	.02	-	.89	-	.08	.24	.25	1.44		21
22	.12	-	.05	.09	.92	-	.12	-	-	.11	.20	.69		22
23	.19	-	.07	.02	.12	-	.22	-	.30	1.11	.01	.07		23
24	.26	.81	.25	-	.12	-	.08	.02	.57	.41	.01	.24		24
25	.06	1.74	01	-	-	-	-	.01	-	.21	.05	.06		25
26	-	.71	.01	-	.22	-	.01	-	.02	.27	-	.03		26
27	-	.88	-	.11	.06	-	-	-	.05	.65	-	.01		27
28	.04	-	-	-	-	.25	-	-	-	.05	.02	-		28
29	.01	✕	-	-	-	.07	-	-	-	.36	.52	-		29
30	.49	✕	-	-	-	.47	-	.02	.42	.16	.30	-		30
31	.31	✕	-	✕	.05	✕	-	1.09	✕	.05	✕	-		31
TOTAL	8.23	13.06	4.87	5.22	2.65	4.57	4.44	5.93	6.39	3.90	2.96	6.69	Year's Total 68·91	
* Days with .01 in. or more.	27	22	18	20	13	16	19	14	19	15	13	19	215	
* Days with .04 in. or more.	23	20	12	18	10	14	13	9	17	13	8	14	171	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section A **for the entry of Daily Observations** **Station No.** 3658/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM [illegible]0

REGISTER OF RAINFALL IN 1938.

Kept at Ulpha

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.27	-	.05	-	1.19	-	-	.02	.03	.22	.16		1
2	-	.26	-	.64	-	.38	.08	-	.17	2.05	.09	.54		2
3	.01	.02	-	-	-	.23	.32	-	.41	3.05	.65	.01		3
4	.01	-	.02	.56	-	.24	.01	.01	-	.37	.19	1.87		4
5	.10	.01	-	.05	-	.30	.07	.01	.79	.21	.06	.06		5
6	.54	.04	-	.04	-	.81	.06	.03	.25	1.70	.13	.01		6
7	.19	-	-	-	-	-	.65	.06	-	.12	.23	.06		7
8	.68	.53	.04	-	-	-	.29	.85	-	1.06	.13	.12		8
9	.33	.60	.13	-	-	.15	.42	.12	-	.05	-	.37		9
10	.08	.06	.15	-	-	.02	.41	-	.01	.11	-	.26		10
11	.37	.17	-	-	.74	.08	.32	.36	.15	.95	.56	.37		11
12	1.26	-	-	-	.37	-	.05	-	.02	1.92	2.80	.05		12
13	.07	-	-	-	.36	-	1.24	-	.14	.11	.64	.12		13
14	1.48	-	-	-	.26	.01	.01	-	-	.07	-	.04		14
15	.99	-	.56	-	.25	-	.03	.85	-	.56	-	.38		15
16	.56	-	.04	-	.20	-	.02	.35	1.15	.79	.29	.04		16
17	-	-	.01	-	.63	-	.27	.71	.89	.91	.18	.07		17
18	.55	-	.06	-	.01	.06	-	.75	.05	.49	1.26	-		18
19	.01	-	.29	-	-	.06	.04	.16	.29	.09	.58	-		19
20	.28	-	.94	-	-	-	-	.21	.90	-	.04	-		20
21	-	-	-	-	.01	.02	-	.49	.32	-	.77	-		21
22	.02	-	-	.01	.22	.06	-	.02	-	.05	.67	-		22
23	.19	-	.08	-	1.09	.36	-	.13	.15	.01	.43	-		23
24	.27	.22	.49	-	.03	.22	-	.07	.36	.36	.27	-		24
25	.13	.75	.06	-	.09	.06	1.14	-	.01	.08	.49	.38		25
26	.09	.68	.36	-	.89	1.11	.12	-	.02	.48	.26	.20		26
27	.95	.35	.01	-	.38	.21	.91	.22	-	.01	.94	-		27
28	.36	.13	.22	-	.08	2.21	.60	.36	.12	.02	.09	.33		28
29	.11	X	.04	-	.66	.24	3.93	-	.10	.67	.59	1.38		29
30	.47		-	-	-	.01	1.10	-	.28	.02	.42	.23		30
31	.38		.03		1.06			-		.84		1.34		31
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Year's Total	
TOTAL	10.48	4.09	3.53	1.35	7.33	8.03	12.09	5.76	6.60	17.18	12.98	8.39	97·81	✓
* Days with .01 in. or more.	27	14	18	6	18	22	23	19	22	29	26	23	247	✓
* Days with .04 in. or more.	23	12	14	5	15	18	18	15	17	24	26	21	208	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3658/15

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1939.

Kept at Ulpha

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES REQUIRED MONTHLY

Totals

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.14	-	2.94	.26	-	-	.33	.04	.16	.01	-	.95		1
2	-	-	.62	.07	-	-	.50	.84	.50	-	.03	.39		2
3	-	-	.16	.08	-	-	.06	.02	.81	-	.06	.56		3
4	-	.06	1.03	.01	.11	-	.32	-	.01	.01	.02	.36		4
5	-	.06	-	-	.38	-	.91	.01	-	133	.56	.01		5
6	1.26	.61	.01	-	.01	-	1.08	.02	-	.01	.36	-		6
7	1.04	1.36	.25	-	-	-	.04	.04	.02	-	.48	.31		7
8	2.08	2.21	.32	1.25	-	-	.13	.04	.03	.25	.26	.23		8
9	.28	.70	-	.01	-	-	-	1.09	.26	.74	.02	1.06		9
10	.23	.04	.01	-	-	.19	-	.22	1.69	.90	.28	.50		10
11	.04	.30	.34	-	-	.37	-	.15	.03	.08	.04	.01		11
12	.27	.31	-	.39	-	.01	.09	.04	.13	-	.02	-		12
13	.02	.01	.09	.56	.14	.13	1.14	.04	.02	.02	.99	-		13
14	1.79	.04	.01	.04	.21	1.05	.27	-	-	-	.61	-		14
15	.68	.07	.06	1.23	.01	.86	.93	-	-	-	.32	-		15
16	.32	.11	.08	.06	.02	-	.67	-	-	-	.16	-		16
17	.55	.39	-	.02	-	.66	.05	-	-	-	.06	-		17
18	.10	.38	.12	-	-	.08	.09	.16	-	-	.59	-		18
19	.58	.01	.03	-	.01	-	.14	.18	-	-	-	-		19
20	.33	.10	.11	-	-	.11	.06	.31	-	-	-	-		20
21	.25	.87	.62	.14	.11	-	.02	.31	.01	-	-	-		21
22	.96	.75	.12	.29	.02	-	.05	-	-	.15	1.05	-		22
23	.19	.26	.13	.41	-	.11	.14	-	-	.30	.16	-		23
24	.55	.44	.16	.04	-	-	-	-	-	.04	.09	-		24
25	.11	.04	.01	.12	-	-	-	-	-	-	2.19	.01		25
26	.01	-	-	-	.09	-	-	.07	-	.22	.10	-		26
27	-	.38	-	-	-	.76	.54	.03	-	.03	.34	.10		27
28	-	.18	.01	.07	-	.78	2.69	-	-	-	1.16	-		28
29	-	X	.07	-	-	.23	.71	.19	-	.25	.17	-		29
30	-	X	-	-	-	.13	.18	-	-	-	.69	-		30
31	-	X	-	X	-	X	.39	-	X	-	X	-		31
TOTAL	11.78	9.68	7.30	5.05	1.11	5.47	11.53	3.26	3.67	3.34	10.81	4.49	Year's Total 77.49	
* Days with .01 in. or more.	22	24	23	18	11	14	25	16	12	15	26	12	218	
* Days with .04 in. or more.	20	22	17	15	6	13	24	11	6	10	22	9	175	

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3658/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 090

REGISTER OF RAINFALL IN 1940

Kept at Ulpha

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM

VALUES FORWARDED MONTHLY

Jan. 19th, 23rd, 24th, 27th, 28th ests from nearby stns

Snow circ. sent 30.4.41

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	-	.45	-	-	.06	-	-	-	.37	.49		1
2	-	-	-	.59	-	-	.55	-	-	-	1.33	.55		2
3	-	.21	-	.20	-	-	.32	-	-	.01	-	.41		3
4	-	.20	.03	;08	-	-	.06	.04	.03	.39	-	.68		4
5	-	.02	-	-	.11	-	.15	.02	-	1.32	.26	.99		5
6	.10	.21	-	.24	-	-	.19	.01	-	.57	.07	.18		6
7	.21	.10	.02	.44	.06	-	.07	.16	.42	.05	-	.01		7
8	-	.05	.03	-	-	-	.19	.25	.05	1.91	.96	.46		8
9	-	-	.64	-	-	-	1.23	.33	.72	1.27	.63	.31		9
10	-	-	.07	-	-	-	1.72	.27	-	.62	.62	.83		10
11	-	-	.59	.27	-	-	.61	-	.05	-	1.61	-		11
12	-	-	1.00	-	-	.01	.17	.06	1.05	-	.72	-		12
13	-	-	.02	.01	-	-	.01	.14	1.09	-	.17	.81		13
14	-	-	.08	.28	-	-	.30	.26	.02	.01	.22	1.22		14
15	-	-	.01	.13	.38	-	-	-	-	.26	.22	.56		15
16	.04	.03	.63	-	-	-	.25	.02	2.32	.39	.01	.30		16
17	-	-	.40	-	-	-	.67	.04	.16	-	.06	.21		17
18	--	-	.94	.03	-	-	.40	.40	.71	-	.03	.91		18
19	~~2.65~~ (.25)	.26	.60	.31	-	-	.21	-	.40	-	1.43	-		19
20	.29	.09	.63	.26	-	-	.18	.80	.30	.71	.55	-		20
21	-	-	.53	.11	-	.65	.10	.03	.01	.01	.14	-		21
22	-	.15	.15	.01	-	.34	-	.18	.46	-	-	-		22
23	.36	.27	.18	.28	.06	-	.13	-	.14	-	.51	-		23
24	1.57	.06	.01	.02	.01	-	-	.01	-	-	.01	-		24
25	.03	-	.50	-	.61	.26	-	-	-	-	.01	-		25
26	.49	.59	.02	-	.06	.10	-	.10	.02	-	.32	-		26
27	2.70	.61	.82	.11	.02	-	.01	-	-	-	.07	-		27
28	~~3.83~~	.01	.05	-	.06	-	-	.24	-	-	-	.90		28
29	-	-	.90	.04	-	.19	.26	-	-	.34	.01	1.08		29
30	--	x	.14	.03	.02	-	-	-	-	.36	.04	.70		30
31	-	x	.82	x	.02	x	-	.10	x	.37	x	.01		31
TOTAL	~~12.29~~ (5.68)	2.81	8.29	3.89	1.41	1.55	7.84	3.46	7.95	8.59	x10.37	11.61	Year's Total ~~80.06~~	73.45
* Days with .01 in. or more.	9	14	24	20	11	6	23	20	17	16	25	20	205	
* Days with .04 in. or more.	5	11	17	15	7	5	21	15	13	13	20.	18	160	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) ......

[P.T.O.

W – – IV.Y

3660

3660

KIRKBY STEPHEN –
EDEN PLACE
1931 – 1940

780704

Section **A** for the entry of Daily Observ

AIR MINISTRY.—METEORO

COPY FOR OFFICIAL USE.

AINFALL ORGANIZATION.

FORM 1090.

REGISTER OF 1931.

Kept at Eden Place, Kirkby S

in the County of Westmorla

Diameter of Funnel of Gauge 5" in.
Height of top of Gauge above Ground 1 ft – in.
,, Ground ,, Sea Level 544 ft.

Letter sent 1/4/32 re possible leak in gauge. Observer examined gauge reports that it is sound. [illegible] convectional rain than at Appleby. Bottle overflowed on November 3rd. JGlasspoole 11/4/32.

1/4/32

Note although bottle overflowed on Nov 3rd it appears unlikely ([illegible] 1913) that appreciable rain was lost. JGlasspoole 11/4/32

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	–	–	–	·02	–	–	–	·13	·02	–	–	1
2	–	·11	–	·62	–	–	·03	–	·60	·16	·42	·65	2
3	–	–	–	·03	–	·80	·25	–	·40	·02	2·12	·36	3
4	–	·08	–	·10	–	·02	·01	–	–	·02	·07	·32	4
5	–	–	–	–	·21	·80	·22	·07	–	–	–	·66	5
6	–	·17	·17	–	–	·10	·19	–	·06	·17	·24	–	6
7	–	·04	–	–	–	·46	–	–	–	·16	·10	–	7
8	–	·06	–	·08	–	·01	·80	·23	–	·13	·03	·09	8
9	·01	·55	·18	~~[illegible]~~	·06	·30	·18	·13	–	·23	·18	–	9
10	–	·15	–	·63	·20	·23	–	–	–	–	·19	·07	10
11	·19	·75	–	–	·02	·10	·23	–	·12	–	·20	–	11
12	·08	–	–	–	–	–	·15	·03	–	·42	–	–	12
13	–	·03	·36	–	·21	·04	·04	–	–	–	–	–	13
14	·01	·10	·12	–	·12	·67	·07	·19	–	–	·37	·12	14
15	–	·41	–	·10	·04	·08	·04	·15	–	–	–	·01	15
16	·12	·05	–	·24	·05	·10	·05	1·20	·01	–	–	–	16
17	–	·07	–	·08	–	·03	·14	·23	–	–	·06	–	17
18	·08	·03	–	·30	–	·60	·07	·03	–	–	·31	–	18
19	·04	·07	–	–	–	·11	·01	·64	·06	·06	–	–	19
20	–	·10	–	–	–	–	·01	·16	–	–	·15	·02	20
21	–	·02	·03	·03	·07	–	–	·03	–	–	·10	–	21
22	·70	·09	–	–	·30	·12	·36	–	·03	–	·06	–	22
23	·43	·01	–	·20	·24	·38	–	–	–	·07	·68	·03	23
24	·18	·01	–	·04	·50	–	·01	–	–	–	·08	·15	24
25	·13	·02	–	·05	·11	–	·01	–	–	–	·02	–	25
26	–	–	–	–	–	–	–	–	–	–	·55	–	26
27	·10	–	–	–	–	–	·07	–	–	·20	·35	·09	27
28	·36	–	–	·20	·11	–	·05	–	–	–	–	·04	28
29	·16	–	–	·04	·16	–	·50	–	–	–	·01	·06	29 Snow
30	·01	×	–	·02	·08	–	·01	–	–	·55	–	–	30
31	·95	×	–	×	·06	×	·03	–	×	·05	×	·02	31 after noon
TOTAL	3·55	2·92	·86	2·76	2·56	4·95	3·53	~~[illegible]~~ 3·09	1·46	2·26	6·29	2·~~7~~9 6	YEAR'S TOTAL 36·86
*Days with ·01 in. or more.	16	21	5	16	18	18	25	12	8	14	21	15	189
*Days with ·04 in. or more.	13	15	~~[illegible]~~4	~~16~~13	16	15	~~18~~17	~~12~~9	6	11	18	~~14~~11	148

40-9999

(Signed) Helen A. Mason [P.T.O.

*See Instruction 2 (*f*) on other side.

W - - IVY 3660.

Section **A** for the entry of Daily Observ

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Eden Place, Kirkby Stephen

in the County of Westmorland

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 544 ft.

400

Letter sent 1/4/32 re [illegible] in gauge. Observer examined & reports that it is sound. Says topography causes less convectional rain than at Appleby. Bottle overflowed on November 3rd [illegible] 11/4/32.

Note although bottle overflowed on Nov 3rd it appears unlikely (Nov 1913) that appreciable rain was lost. [illegible] 11/4/32

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	—	—	·02	—	—	—	·13	·02	—	—	1
2	—	·11	—	·62	—	—	·03	—	·60	·16	·42	·65	2
3	—	—	—	·03	—	·80	·25	—	·40	·02	2·12	·36	3
4	—	·08	—	·10	—	·02	·01	—	—	·02	·07	·32	4
5	—	—	—	—	·21	·80	·22	·07	—	—	—	·66	5
6	—	·17	·17	—	—	·10	·19	—	·06	·17	·24	—	6
7	—	·04	—	—	—	·46	—	—	—	·16	·10	—	7
8	—	·06	—	·08	—	·01	·80	·23	—	·13	·03	·09	8
9	·01	·55	·18	—	·06	·30	·18	·13	—	·23	·18	—	9
10	—	·15	—	·63	·20	·23	—	—	—	—	·19	·07	10
11	·19	·75	—	—	·02	·10	·23	—	·12	—	·20	—	11
12	·08	—	—	—	—	—	·15	·03	—	·42	—	—	12
13	—	·03	·36	—	·21	·04	·04	—	—	—	—	—	13
14	·01	·10	·12	—	·12	·67	·07	·19	—	—	·37	·12	14
15	—	·41	—	·10	·04	·08	·04	·15	—	—	—	·01	15
16	·12	·05	—	·24	·05	·10	·05	1·20	·01	—	—	—	16
17	—	·07	—	·08	—	·03	·14	·23	—	—	·06	—	17
18	·08	·03	—	·30	—	·60	·07	·03	—	—	·31	—	18
19	·04	·07	—	—	—	·11	·01	·64	·06	·06	—	—	19
20	—	·10	—	—	—	—	·01	·16	—	—	·15	·02	20
21	—	·02	·03	·03	·07	—	—	·03	—	—	·10	—	21
22	·70	·09	—	—	·30	·12	·36	—	·03	—	·06	—	22
23	·43	·01	—	·20	·24	·38	—	—	—	·07	·68	·03	23
24	·18	·01	—	·04	·50	—	·01	—	—	—	·08	·15	24
25	·13	·02	—	·05	·11	—	·01	—	—	—	·02	—	25
26	—	—	—	—	—	—	—	—	—	—	·55	—	26
27	·10	—	—	—	—	—	·07	—	—	·20	·35	·09	27
28	·36	—	—	·20	·11	—	·05	—	—	—	—	·04	28
29	·16	—	—	·04	·16	—	·50	—	—	—	·01	·06	29 Snow
30	·01	×	—	·02	·08	—	·01	—	—	·55	—	—	30
31	·95	×	—	×	·06	×	·03	—	×	·05	×	·02	31 after noon
TOTAL	3·55	2·92	·86	2·76	2·56	4·95	3·53	3.09	1 ·40	2·26	6·29	6 2·79	YEAR'S TOTAL 36·86
*Days with ·01 in. or more.	16	21	5	16	18	18	25	12	8	14	21	15	189
*Days with ·04 in. or more.	13	15	~~5~~ 4	~~16~~ 13	16	15	~~18~~ 17	~~12~~ 9	6	11	18	~~14~~ 11	148

40-9999

(Signed) Helen A. Mason

[P.T.O.

*See Instruction 2 (*f*) on other side.

W ✓ W ✓ W.K.
Station no. 3660
File No. 796169/27

3660

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 19~~2~~32.

Letter sent re large total 7/4/33

400

Kept at Eden Place, Kirkby Stephen
in the County of Westmorland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
„ Ground „ Sea Level 544 ft.

Circ. D. 1 sent 28.1.1933.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·06	·04	—	·12	·06	—	·01	·02	·13	·03	·10	·30	1
2	·27	—	—	—	·33	·02	—	—	·41	·18	·21	·19	2
3	·07	—	—	·01	—	—	·08	·02	·26	—	·02	·30	3
4	·22	·02	·07	—	—	—	·44	—	—	·02	—	·04	4
5	·84	—	·23	·07	·01	—	—	—	·01	—	—	—	5
6	·50	—	·14	·38	·02	—	—	—	·04	·11	—	·01	6
7	—	—	·24	·18	·08	—	·02	—	·17	·45	—	—	7
8	·01	—	—	·08	·04	—	—	—	·24	·78	·03	—	8
9	·70	·11	—	·73	·07	—	—	—	·12	·16	—	·08	9
10	·34	·10	—	·18	—	—	—	—	·41	·20	—	·03	10
11	·06	·12	·04	·04	·20	·06	·62	—	·03	·03	—	—	11
12	·58	—	—	—	·45	·02	·09	·03	·06	·28	—	—	12
13	·11	—	—	·23	·02	—	·06	·04	·38	·21	—	·15	13
14	·27	—	—	·09	—	—	·08	—	—	·19	·03	24	14
15	·63	—	—	·03	·58	—	—	—	·05	·04	·05	·23	15
16	1·12	—	—	—	—	—	·01	·01	—	·04	—	1·02	16
17	·02	—	—	—	—	—	·03	—	·03	·30	—	·18	17
18	·02	—	—	—	·09	—	—	—	—	—	—	·02	18
19	—	·01	·09	·28	·13	—	—	—	—	·03	—	·02	19
20	—	—	·02	·30	·09	—	·09	·45	—	·29	—	·02	20
21	—	—	·36	·70	·10	—	·03	·22	—	·98	·10	·06	21
22	—	—	·10	·24	—	—	·07	—	—	·19	·37	·11	22
23	—	·01	—	·06	·03	—	·07	—	·06	—	·21	·20	23
24	—	—	—	—	—	—	·41	—	·26	·01	·07	—	24
25	—	—	—	·25	·05	·02	·40	—	·03	·43	·15	—	25
26	—	—	—	—	·49	—	·17	—	·05	·31	·28	—	26
27	—	—	·31	·05	·14	1·03	·18	—	—	·04	·25	·02	27
28	—	—	·14	·09	·33	·13	·31	·03	—	·01	—	·04	28
29	—	—	·80	·04	·05	·06	·31	·12	·02	·55	·22	·17	29
30	—	×	·11	·02	—	·60	·31	·02	·44	·10	·21	·02	30
31	·08	×	·03	×	—	×	·38	·08	×	—	×	·17	31 38·69
TOTAL	5·90	·41	2·68	4·14	3·36	1·94	4·17	× 1·04	3·20 ~~3·12~~	5·96 ~~5·66~~	2·30	3·59 ~~5·59~~	YEAR'S TOTAL ~~40·21~~
Days with ·01 in. or more.	18	7	14	22	21	8	22	11	20	26	15	23	207
Days with ·04 in. or more.	15	4	12	19	17	5	17	5	15	~~22~~ 20	12	16	~~158~~ 157

40-9999

× The driest August since our records begin in 1865.

(Signed) Helen A. Mason

[P.T.O.

Circ. D2. sent 22.1.34 ✓ K2

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3660

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Eden Place, Kirkby Stephen

in the County of Westmorland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft — in.

„ Ground „ Sea Level 544 ft.

File number 796169/27.

Observer concurs on amendment D 26/1/34

400

BA

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·29	·20	·02	—	—	—	—	—	—	—	·35	—	1
2	·75	—	·03	—	—	·05	—	—	—	—	·03	—	2
3	·09	—	·12	—	·16	—	—	—	—	·04	·10	—	3
4	·46	·12	·10	—	·25	—	—	—	—	—	·01	—	4
5	·20	·50	·15	—	·10	—	—	—	—	—	—	—	5
6	·01	·06	·23	—	·78	—	—	—	—	—	—	·03	6
7	·12	·07	·01	—	·12	—	·08	·02	—	1·17	—	—	7
8	·07	·26	—	·12	·07	—	·08	—	—	·01	·02	—	8
9	—	·65	—	—	·05	—	·28	—	—	·55	·28	—	9
10	·08	·03	—	—	·03	·13	·12	—	—	·40	·04	—	10
11	—	·01	—	—	—	—	·07	—	—	·28	—	—	11
12	·01	·01	—	—	—	·14	·40	—	—	—	—	·02	12
13	—	—	·05	—	·12	—	·10	·10	·02	·83	·12	·08	13
14	·24	—	·11	—	—	—	·03	·01	—	—	·98	—	14
15	·07	—	·18	·01	·34	·02	·45	—	—	·91	·26	·02	15
16	·14	—	·13	·14	·01	·17	—	·02	—	·13	·16	·02	16
17	—	—	·21	·02	—	·23	—	·16	·10	—	·69	·02	17
18	—	·10	·09	·02	—	·54	—	·03	—	—	·10	·03	18
19	—	—	·53	·01	—	·15	·04	—	·15	—	·06	·02	19
20	—	·06	—	—	·23	·25	—	·04	·08	·05	—	—	20
21	—	—	—	—	·02	—	—	·17	·02	·07	·01	—	21
22	—	—	—	—	·02	·08	—	·01	—	·11	—	—	22
23	—	·16	—	·07	·30	—	·02	—	·02	·01	—	—	23
24	—	·50	—	·18	—	·16	—	·13	—	—	—	·13	24
25	—	·60 ×	—	·15	~~—~~	—	—	—	·95	—	—	·02	25
26	—	·85	—	·23	·06	—	—	—	·06	·20	—	·04	26
27	—	·15	—	·01	·21	—	·23	·62	—	·04	·03	—	27
28	—	—	—	·03	~~—~~	—	·03	·02	—	·36	—	·02	28
29	—	×	·10	·21	·01	—	·12	—	—	·04	—	—	29
30	·09	×	·01	—	—	·01	·38	—	·02	·16	—	·19	30
31	1·45	×	·05	×	—	×	·02	·06	×	—	×	·07	31 31.10
TOTAL	4.07 ~~3·06~~	4·33	2·12	1·20	2.88 ~~2·76~~	1.93 ~~2·03~~	2·45	1·39	1·42	5·36	3.24 ~~3·03~~	·71	YEAR'S TOTAL ~~31.10~~ ~~29·86~~
*Days with ·01 in. or more.	15 ✓	17 ✓	17 ✓	13 ✓	18 ✓	12 ✓	16 ✓	13 ✓	9 ✓	18 ✓	16 ✓	14 ✓	178 ✓
*Days with ·04 in. or more.	13 ✓	13 4	14 3	8 7	12 3	10 ✓	~~13~~ 12	7 ✓	5 ✓	13 16	12 11	4 5	126

40-9999

× Feb-24, 25, 26 Melted Snow.

*See Instruction 2 (*f*) on other side. L.M.S.R. blocked for 4 days.

(*Signed*) Helen A. Mason

P.T.O.

✓✓✓✓W 17. File. No. 796, 60/27

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations.

Station No. 3660

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Eden Place, Kirkby Stephen

in the County of Westmorland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft in.

,, Ground ,, Sea Level 544 ft.

134

400

TL

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·11	—	·07	—	—	—	—	·06	—	—	—	·02	1
2	—	·03	·13	—	·02	—	—	·81	·18	—	·06	·46	2
3	·09	·01	·04	—	—	—	—	·01	—	·34	·02	—	3
4	·21	—	·20	·03	·06	—	—	—	·07	·44	—	·03	4
5	·10	—	·23	·01	·52	—	—	·14	—	·14	—	·51	5
6	·57	—	Snow ·08	·02	·79	·01	—	·04	·05	·78	·01	·21	6
7	·57	·10	·01	·08	·04	·02	—	—	—	·10	—	·11	7
8	·02	—	—	—	—	·36	—	·05	—	·23	—	·29	8
9	·05	—	·04	·21	—	—	—	·03	·22	·01	·45	·14	9
10	·14	—	·15	·15	—	—	—	·47	—	—	·19	·07	10
11	·44	—	·47	·51	—	—	·49	·02	—	—	·05	·05	11
12	·02	—	·10	·47	—	—	·24	·17	—	—	—	·05	12
13	·49	—	—	·36	·06	—	·26	·03	—	·02	·03	—	13
14	·38	—	·28	·07	·02	·05	·04	—	—	·23	—	·12	14
15	·03	—	·10	·02	·78	—	—	·09	·21	·09	—	·31	15
16	·60	—	·38	·01	·05	—	—	—	—	·02	·03	—	16
17	·33	—	·32	—	·13	—	·85	—	·23	—	·03	·35	17
18	·42	—	·08	·17	·43	·25	—	·08	·09	—	—	·32	18
19	—	—	·20	·05	·22	·05	·02	·05	·15	·03	·02	·09	19
20	·01	—	·01	·05	·12	·06	—	·18	·03	·04	—	—	20
21	·02	—	—	—	—	·53	—	·39	·15	·39	—	—	21
22	—	—	—	—	—	·01	—	·25	·37	·31	·02	·02	22
23	—	—	·10	·24	—	—	·10	·04	·02	·39	·18	·01	23
24	—	·05	—	·11	·07	·17	—	—	·28	·69	—	—	24
25	·10	·04	·04	·25	·02	—	·02	—	·47	·88	—	·79	25
26	·19	—	·02	·04	—	·28	·03	—	·40	·61	—	·04	26
27	—	—	—	·01	—	·24	·02	—	·09	·37	—	·30	27
28	—	—	—	·31	—	·15	·16	·26	·05	·15	—	·52	28
29	—	—	·02	—	—	—	·02	·07	·13	—	—	·12	29
30	·23	✕	—	—	—	—	—	·06	·60	·37	—	·45	30
31	·03	✕	—	✕	—	✕	·06	—	✕	—	✕	·15	31
TOTAL	5·1~~8~~ 5 ✓	·23 ✓	3·0~~8~~ 7 ✓	3·17 ✓	3·33 ✓	2·18 ✓	2·31 ✓	3·~~1~~0 3 ✓	3·79 ✓	6·63 ✓	1·09 ✓	5·~~6~~3 5 ✓	YEAR'S TOTAL 39 ✓ 8 ~~40·70~~
*Days with ·01 in. or more.	23 ✓	5 ✓	22 ✓	21 ✓	15 ✓	13 ✓	13 ✓	21 ✓	19 ✓	22 ✓	12 ✓	25 ✓	211 ✓
*Days with .04 in. or more.	~~16~~ 17	4 ✓	~~20~~ 18	15 ✓	12 ✓	10 ✓	8 ✓	17 ✓	17 ✓	18 ✓	5 ✓	21 ✓	~~145~~ 162

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) Helen A. Mason

P.T.O.

W-W B. File No. 796169/27-

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3660

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Eden Place, Kirkby Stephen

in the County of Westmorland

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 544 ft.

400

TL

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·63	·09	·06	·02	–	–	·32	–	·39	·05	·15	·13		1
2	·01	·02	·06	–	–	·07	–	–	·31	·14	·11	·01		2
3	·02	·20	·10	·05	–	·05	–	–	·30	–	·39	·03		3
4	–	·05	·07	–	–	·24	·02	–	·02	·30	–	·03		4
5	·01	·35	·03	–	–	·13	·01	–	·07	·03	·08	·01		5
6	·04	·09	–	–	–	·30	–	–	–	·10	·02	–		6
7	·02	–	–	·09	–	1·02	–	–	–	·31	·05	·08		7
8		–	–	·21	–	·13	–	·01	–	·19	–	·15		8
9	·08	–	·01	·20	–	·05	–	–	–	·55	·10	–		9
10	·06	·04	–	·46	–	·27	–	–	–	·20	·20	–		10
11	·61	·28	–	·10	–	·12	–	·22	–	·13	·33	·01		11
12	–	·24	–	–	–	·04	–	–	·01	·04	–	–		12
13	·14	·11	–	·05	·33	·05	·07	–	·23	·12	·10	–		13
14	–	·07	–	–	–	·14	·02	–	·15	–	·52	·05		14
15	–	·68	–	·16	·09	·10	–	·01	·65	·20	·05	·22		15
16	–	1·16	·08	·31	–	·19	·10	·07	·57	–	·25	–		16
17	–	·08	–	·16	·23	·03	–	·01	·56	·26	·24	–		17
18	–	·57	–	–	–	·20	·14	–	·51	1·12	·03	–		18
19	–	·54	–	·05	–	·07	·29	–	·06	·19	·05	–		19
20	·02	1·4[illegible]	–	·19	·02	·01	–	–	–	–	·15	–		20
21	–	·29	·08	–	–	–	–	–	1·86	·06	·11	·03		21
22	–	·11	·47	·11	–	–	–	–	–	–	·05	–		22
23	·65	–	·11	·05	–	–	–	·38	–	·24	–	–		23
24	·22	·63	·09	·04	–	–	–	–	·50	·02	·01	·11		24
25	·15	·0[illegible]	·02	–	–	·41	–	–	–	–	·37	·02		25
26	–	–	–	–	–	–	–	·60	·28	·08	·01	·14		26
27	·04	·12	–	–	–	·04	·05	·03	·20	·28	·15	·22		27
28	–	·10	–	–	–	·01	–	·05	·14	·31	·13	·03		28
29	–	✕	·14	–	–	·03	–	·15	·40	·41	·30	·22		29
30	–	✕	–	–	–	·25	–	·09	1·15	·96	·75	·04		30
31	·03	✕	–	✕	–	✕	–	–	✕	·19	✕	·32		31
TOTAL	2·13	7·38 0	1·32	2·25	·67	3·95	1·02	1·6x 2	8·36	6·48	4·70	1·85	Year's Total 44·67	5 ✓
* Days with .01 in. or more.	16 ✓	23 ✓	13 ✓	16 ✓	4 ✓	24 ✓	9 ✓	11 ✓	20 ✓	25 ✓	26 ✓	19 ✓	206	✓
* Days with .04 in. or more.	10 ✓	21	10	15 ✓	3 ✓	21 20 ✓	6 ✓	7 ✓	18 ✓	23 ✓	22 ✓	12 11	166	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Helen A. Mason

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3660.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1030.

REGISTER OF RAINFALL IN 1936.

Kept at Eden Place, Kirkby Stephen

in the County of Westmorland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 544 ft.

Cric D sent 8/12/36 cwh

File 769169/27

400

TL

Observer agrees to corr. 11/12/36

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Copy by B.R.O.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·04	·06	·09	·01	–	–	·02	·18	·18	–	·05	·11		1
2	·02	·04	·01	–	–	–	–	·10	·03	–	·06	·08		2
3	·04	·02	–	–	–	–	–	·03	·46	–	–	·10		3
4	·39	·01	·03	–	–	·06	–	·07	·44	–	·30	·46		4
5	·12	–	·09	–	–	–	–	·58	·02	–	·40	·35		5
6	·16	–	·02	–	·03	–	·03	·52	·50	–	·16	–		6
7	·01	–	·04	–	–	–	·08	–	·19	–	·88	·09		7
8	·41	–	·50	–	–	–	–	–	·03	–	·31	–		8
9	1·66	–	·16	–	–	–	·35	–	·18	·02	·24	–		9
10	·65	–	–	–	–	–	·29	–	–	–	·13	–		10
11	·02	–	–	·13	–	·04	·07	·19	·16	·01	1·04	·03		11
12	–	–	–	·13	·06	·13	·08	–	·81	–	·12	·13		12
13	–	–	–	·14	–	–	·02	–	·01	·07	·03	2·08		13
14	–	–	–	·06	–	·16	·39	·08	1·63	·04	·19	·85		14
15	·02	–	·03	·02	·01	·02	·16	·03	–	·03	·29	·45		15
16	–	–	–	–	–	·08	·04	·11	–	·07	·45	·08		16
17	·06	·62	·01	–	·20	–	·16	–	–	·13	·29	·94		17
18	–	·29	–	·01	–	·02	·06	·50	–	·39	–	·17		18
19	·46	·15	·03	·01	–	–	·16	·05	–	·11	–	·11		19
20	·13	·28	·04	–	–	·03	·03	–	–	·07	–	·06		20
21	·01	·03	–	·03	–	·54	–	–	–	–	–	·14		21
22	·09	·33	–	–	–	·19	·14	–	–	–	–	–		22
23	·02	·13	·04	·04	·15	–	·50	–	–	·02	–	–		23
24	·08	·04	·03	·11	·28	–	·51	–	·44	1·73	·02	–		24
25	·23	–	–	·06	–	–	·09	–	·46	·22	·07	–		25
26	·30	·15	–	–	–	–	–	–	·32	·44	–	–		26
27	·32	·03	·11	–	–	–	–	–	·02	·18	–	–		27
28	·15	·46	·14	·02	·17	–	·24	–	–	–	–	·07		28
29	·02	·14	·20	–	–	1·10	–	–	–	·17	·07	·01		29
30	·04	✕	·09	–	–	·20	·23	·01	–	·28	·05	·62		30
31	·05	✕	·34	✕	–	✕	–	–	✕	–	✕	·81		31
TOTAL	5·50	2·78 ~~2·36~~	2·00 ~~2·07~~	·77	·90	7 2·52	6 3·55	5 2·46	5·88	3·98	5·09 ~~4·03~~	7·68 ~~6·68~~	Year's Total 43·25	
* Days with .01 in. or more.	26	16	19	13	7	~~11~~ 12	21	13	17	17	20	21	202	
* Days with .04 in. or more.	19	1~~1~~2	12	~~8~~ 7	5	~~8~~ 9	17	10	12	13	17	18	151	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3660

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Kirkby Stephen, Eden Place

in the County of Westmorland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

400 Copy by B.R.O.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15	·02	·24	–	–	·03	·02	–	·07	·12	–	·08		1
2	·18	·58	·25	·19	–	·15	·02	–	·21	–	–	·03		2
3	·11	·35	·04	·03	·17	·18	·11	–	–	–	–	·04		3
4	·49	·05	·09	·14	·15	·05	·07	·03	·09	–	–	·20		4
5	·47	–	·08	·11	·08	·04	·05	·02	1·02	–	–	·24		5
6	·01	·03	·01	·08	·11	·03	·03	–	·12	–	·01	·03		6
7	–	·30	·05	·23	·15	·05	·04	–	·14	–	·07	·03		7
8	–	·59	–	·14	–	·13	·12	·02	·01	–	·02	·07		8
9	·02	·30	·02	·10	·14	–	·28	·05	–	–	–	·03		9
10	–	–	·50	–	–	·03	·04	–	–	–	–	·28		10
11	–	–	–	·05	·07	–	·02	–	·01	–	–	·05		11
12	·60	·19	·38	·16	–	·21	–	·05	·09	–	–	·26		12
13	–	·05	–	·02	·02	·52	·06	·20	·09	–	–	·23		13
14	–	·09	–	–	–	–	·31	·50	·04	–	–	·10		14
15	–	·71	–	·10	–	–	–	·07	·32	–	–	·03		15
16	·40	·42	·45	1·00	·01	–	–	·09	–	–	–	·02		16
17	·30	·02	·13	·12	–	–	–	–	·46	–	–	–		17
18	–	·14	·18	·08	–	·05	·04	·09	–	–	·23	–		18
19	·05	·13	·02	·04	–	·02	–	·07	·50	–	·30	·05		19
20	·62	·01	·10	·16	1·02	·14	·12	–	–	–	–	–		20
21	·10	·02	·02	·08	–	–	·35	–	–	·08	–	–		21
22	·29	·01	·20	–	·08	–	·03	–	–	·04	·02	·08		22
23	·13	–	·02	·05	·10	–	·10	–	–	·62	–	·01		23
24	·20	·03	·04	–	·17	–	·11	–	·09	·19	–	·06		24
25	·03	·65	·12	–	·04	–	–	·09	–	·19	–	·02		25
26	–	·38	·07	–	·55	–	–	–	–	–	–	·02		26
27	·01	·47	–	·13	–	~~·06~~	·11	–	·13	·53	–	·05		27
28	·11	·01	–	–	–	·06	–	–	–	·10	–	–		28
29	·07	–	–	–	–	·05	–	–	–	·06	·03	·01		29
30	·12	✕	–	–	–	·01	–	–	–	·01	·19	–		30
31	·27	✕	–	✕	·02	✕	–	·49	✕	·10	✕	–		31
TOTAL	4·73	5·55	3·01	3·01	2·8~~6~~8	1·75	2·03	1·77	3·39	2·04	·87	2·02	Year's Total 33·05	
* Days with .01 in. or more.	22	24	21	20	16	17	20	13	16	11	8	24	212	
* Days with .04 in. or more.	18	16	16	18	13	12	15	10	14	10	4	14	160	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3660

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1

REGISTER OF RAINFALL IN 1938

Feb total corrected for arithmetic

Copy by B.R.O.

400

Kept at Kirkby Stephen, Eden Place.

in the County of Westmorland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 544 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·32				·68	·07	–	–	–	·21	·32		1
2	–	·01		·35		·28	·17	–	·03	·87	·19	·09		2
3	–	·12				·01	·06	–	·16	2·05	·15	–		3
4	·01	·04		·03		·03	·04	–	–	·30	–	·95		4
5	·03	·13					·06	·07	·06	·29	–	·06		5
6	·54	–				·30	·04	·62	–	·60	·03	·05		6
7	·08	–					·60	·14	·07	·29	·04	·06		7
8	·10	·04				·05	·19	·19	–	·64	·03	·50		8
9	·02	·22				·14	·04	–	–	·15	–	·49		9
10	–	–				·07	·10	–	·01	·26	–	·03		10
11	·22	–				·03	·02	–	·04	·14	·06	·13		11
12	·68	–			·18		·04	·02	–	·55	1·35	·03		12
13	·15	·03			·02		·11	·07	·06	·28	·37	·26		13
14	·95	·03			·09		–	–	–	·07	–	·03		14
15	·38	·02	·67		·03		·27	·09	–	·15	–	·29		15
16	·61	–	·20		·24		·18	·24	·14	·31	·04	·21		16
17	–	–	·07		·38		–	·06	·25	·44	·01	·05		17
18	·17	–	·16			·01	–	·17	·04	·32	·84	·01		18
19	·02	–	·45			·03	–	·06	·01	–	·16	·30		19
20	·38	–	·36				–	·50	·11	–	·01	·30		20
21	–	–	·06	·06	·06	·04	–	·24	·11	–	·05	·10		21
22	·03	·01		·02	·04	·08	–	–	–	–	·30	·03		22
23	·11	–			·24	·06	–	–	·04	–	·39	·04		23
24	·61	–	·22			·11	·10	·79	·08	·41	·38	·03		24
25	·12	·17	·08		·08	·02	1·06	·03	–	·34	·33	·07		25
26	·05	·36	·12		·06	·40	–	–	–	·21	·01	·07		26
27	·13	·06	·02		·23	·72	·21	·22	–	·02	·39	·01		27
28	·24	·20			·64	1·08	·02	·01	–	–	·19	·10		28
29	·05	×			·37	·08	·71	–	–	·02	·35	·10		29
30	·06	×				·09	·35	–	·45	·04	·90	·09		30
31	·92	×		×	·17	×	–	–	×	·63	×	·65		31
TOTAL	6·67	1·7~~9~~6	2·41	·46	2·83	4·28	4·44	3·52	1·66	9·38	6·78	5·45	Year's Total 49·64	✓
* Days with .01 in. or more.	26	15	11	4	15	21	21	17	16	24	24	30	224	✓
* Days with .04 in. or more.	20	10	10	2	13	16	19	14	13	22	19	23	181	✓

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) Helen A. Mason. [P.T.O.

4·63

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3660

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Kirkby Stephen, Eden Place.

in the County of Westmorland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 544 ft.

July adj to agree with observer's total.
Aug corr'd for arith

Copy by B.R.O.

J L 400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·25	—	·40	—	—	—	·02	·04	·05	·11	—	·49		1
2	—	—	·08	·01	—	—	·18	·82	·60	—	·03	·13		2
3	—	—	·10	·03	—	—	·03	·06	·05	·02	·05	·42		3
4	—	·02	·44	—	—	—	·55	—	·13	·06	·01	·07		4
5	—	·01	·04	—	·09	—	·61	—	—	·23	·61	·02		5
6	·24	·14	·14	—	—	—	·54	·19	—	·02	·05	—		6
7	·75	·42	·34	—	·01	—	·05	—	—	·02	·13	·03		7
8	2·07	·57	·17	—	—	—	·15	·03	—	·01	·49	·34		8
9	·67	·06	—	—	—	—	—	·08	—	·49	·13	·28		9
10	·10	—	—	—	—	·28	—	—	—	·03	—	·02		10
11	·10	·35	·22	—	—	·14	—	·06	·18	·08	·06	—		11
12	·03	·10	—	—	—	—	—	·03	·04	·11	—	—		12
13	·08	—	—	·15	·22	·02	—	—	—	·01	·13	—		13
14	·90	—	—	·03	·32	·30	·07	—	—	—	1·07	—		14
15	·50	·05	·05	·25	·01	·78	·03	—	—	—	·20	—		15
16	·40	·07	·08	·05	·06	—	—	—	—	—	·01	—		16
17	·25	·07	—	·10	—	·04	—	—	—	—	—	—		17
18	·09	·10	·07	—	—	·03	·06	—	—	·08	·68	—		18
19	·02	—	—	—	·03	·10	·37	—	—	—	—	—		19
20	—	·02	·02	—	·01	·05	—	·09	—	—	—	—		20
21	·22	·37	·14	·19	·01	—	—	—	—	—	—	—		21
22	·11	·33	·08	·02	—	—	—	—	—	—	·32	—		22
23	·16	·11	·14	·24	—	·04	·05	—	—	·03	·02	—		23
24	·10	·26	·28	·04	—	—	—	—	—	—	·06	·03		24
25	·41	·11	—	—	—	·15	—	·02	—	—	1·07	·14		25
26	·06	·09	·02	—	—	·04	—	·41	—	·16	·18	·01		26
27	·04	·84	·25	·02	—	·30	(·15)	—	—	·01	·21	—		27
28	·02	·07	·14	·04	—	·44	·50	·57	—	—	·35	—		28
29	·02		·12	—	—	·44	·45	—	—	·90	·21	—		29
30	—	✕	—	—	—	·42	·91	—	—	·01	·61	—		30
31	—	✕	—	✕	—	✕	·17	—	✕	·02	✕	—		31
TOTAL	7·59	4·16	3·32	1·16	·76	3·57	4·89	~~2·34~~ 2·40	1·05	2·40	6·68	1·98	Year's Total 39·96	✓
* Days with .01 in. or more.	24	21	21	13	9	16	18	12	6	19	23	12	194	✓
* Days with .04 in. or more.	20	18	19	8	4	14	15	89	6	9	20	7	149	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3660 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1

REGISTER OF RAINFALL IN 1940

Sept corr'd for arith
Jan corr'd for mov.

Copy by B.R.O.

X00

Kept at (Eden Place) Kirkby Stephen
in the County of Westmorland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 544 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·11	–	–	–	–	–	–	·06	·10		1
2	–	–	–	·18	–	–	·06	–	–	–	·78	·05		2
3	–	·10	–	·05	–	–	·17	–	–	–	·01	·02		3
4	–	·08	–	·03	–	–	·14	–	·01	·11	·13	·23		4
5	–	·01	–	–	·13	–	·24	–	·03	·65	–	·60		5
6	04	·02	–	02	–	–	·02	·01	–	·53	·20	·14		6
7	·07	·32	–	·15	·06	–	·03	·02	·20	·22	·01	·03		7
8	·01	–	·02	·02	·01	–	·07	·06	·05	·46	·05	·09		8
9	–	–	·03	·02	–	–	·76	59	–	1·12	·48	·10		9
10	–	–	·05	–	–	–	·57	·10	·02	·02	·17	·12		10
11	–	·02	·29	–	–	–	·29	–	·01	–	·70	–		11
12	–	·03	·89	–	–	–	–	·01	·11	–	·05	–		12
13	–	·06	·03	–	–	–	·02	–	23	–	·17	·03		13
14	–	–	·10	42	·02	–	·28	–	·05	02	·01	·43		14
15	06	–	·01	·01	·11	·45	–	–	–	·01	·38	·27		15
16	·81	–	–	–	–	–	·25	–	1·35	·19	·03	·07		16
17	–	–	·28	–	·38	–	1·25	–	·38	·01	·56	–		17
18	–	–	·41	·04	–	–	·14	·20	·23		·02	·32		18
19	·01	·07	·29	·20	–	–	·37	–	·14	02	·53	·02		19
20		–	·28	·40	–	–	·15	·39	·15	·08	·17	–		20
21	–	–	·03	·01	–	·28	–	·03		·15	·10	–		21
22	–	·20	·07	–	·05	·15	–	–	·06	·07	·01	–		22
23	–	·07	·02	·12	·12	–	·02	–	·01	·05	·33	–		23
24	·32	·04	–	·14	–	–	·05	–	–	·04	·03	·03		24
25	x	–	–	–	·10	·16	12	–	–	·07	·01	–		25
26	x (50)	·12	–	–	·43	·12	·21	·15	–	–	·10	–		26
·6 27	x	·21	–	·03	·20	–	·01	–	–	·02	·01	–		27
28	03	·17	·23	–	·25	–	–	·04	–	·01	–	·90		28
29	·01	–	·04	·01	·02	–	·02	–	–	·01	–	·15		29
30	–	✕	·48	–	–	–	–	–		·52	–	·61		30
31	·07	✕	–	✕	–	✕	–	–	✕	·30	✕	·03		31
TOTAL	~~93~~ (1·43)	1·52	3·55	1·96	1·88	1·16	5·24	1·60	~~2·83~~ 303	4·68	5·10	4·33 4	Year's Total 35·49	✓
* Days with .01 in. or more.	13	15	18	18	13	5	23	11	16	23	26	21	202	✓
* Days with .04 in. or more.	9	11	12	10	10	5	17	7	11	15	~~18~~ 7	~~14~~ 15	139	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Helen A. Mason

[P.T.O.

3659

Section **A** for the ent
AIR MINI

FOR OFFICIAL USE.
ALL ORGANIZATION.

FORM 1090. REG ... 31.

3659
ALSTON VICARAGE
1931 — 40

780704

Kept at Alston V
in the County of Cu

Diameter of Funnel of Gauge
Height of top of Gauge above
,, Ground ,,

THE MORNING ME ... AY.

An observer who does not confor ... he following year in the space on the right

Jan. 1, following
·77

Date	Jan.	Feb.	Ma					August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	Tr	—	·02	·07	·02	Tr	·02	·04	—	·33	—	—	1
2	—	·19	—	·41	—	1·10	·06	—	·49	·08	·51	·56	2
3	—		Tr	·01	—	·03	Tr	—	·15	·06	1·33		3
4	—	·08	—	·37	—	—	·33	—	·53	Tr	·04	·43	4
5	—	Tr	Tr	—	·03	·78	—	·09	·01	Tr	—	·76	5
6	—	·06	·20	—	—	·47	·20	·30	·05	·37	—	·16	6
7	—		·09	Tr	·03	·29	·59	·30	Tr	·53	·33	·12	7
8	·17	·23	·18	Tr	—	·06	Tr	·15	·09	·61		·07	8
9	Tr	·33	·21	—	·18	·11	·67	·20	—	·03	·16	·04	9
10	·15	·27	·06	—	·20	·21	·02	·01	·09	—	·11	—	10
11	·54	·64	—	·20	—	—	—	TR	Tr	·06	·30	Tr	11
12	·10	·07	—	·08	—	·18	·17	—	—	·06	·02	—	12
13	Tr	Tr	·51	·04	·17	·08	·19	—	—	—	—	·02	13
14	·16	·07	Tr	Tr	·15	·96E	·25	—	—	—	·22	·08	14
15	·05		—	·10	Tr	·01	·50	·21	Tr	—	Tr	—	15
16	·32	·82	—	·84	·01	·10	·02	·08	·10	—	—	—	16
17	—	·29	—	—	—	·21	·13	·50	Tr	Tr	·19	—	17
18	·29	—	—	·62	—	·15	·20	·18	·06	Tr	—	Tr	18
19	·17		Tr	—	—	—	·13	·05	Tr	·03	·16	Tr	19
20	Tr	·25	Tr	—	—	·03	·03	·90	·02	—	·11	·03	20
21	·11	Tr	·02	Tr	Tr	·23	—	·35	—	—	Tr	—	21
22	·36	·11	Tr	·14	·16	·03	·08	·23	Tr	—	Tr	Tr	22
23		·18	—	·17	·09	·37	·19	—	·02	·22	·15	·31	23
24	·17	·40	—	·17	·37	—	—	—	Tr	—	·07	·07	24
25	·53	·34	—	·26	·07	—	·02	—	—	—	·01	·46	25
26	·15	—	—	·19	—	—	·04	—	Tr	—	·36	·05	26
27	·08	·03	Tr	·15	—	—	—	—	Tr	·67	—	Tr	27
28	·37	·11	Tr	·03	·18	·28	·63	—	—		·06	·06	28
29	·22	X	Tr	·05	·05	—	·20	—	—	·38	·07	·12	29
30	·02	X	Tr	·05	·64	—	·41	—	·02	·02	—	—	30
31	·39	X	—	X	·02	X	·07	—	X	Tr	X	·08	31
TOTAL	4·29	4·46	1·29	3·95	2·32	5·71	5·25	3·62	1·66	3·44	4·60	3·07	YEAR'S TOTAL 43·66
*Days with ·01 in. or more.	20	21	8	20	16	20	24	15	12	14	20	18	208
*Days with ·04 in. or more.	20	19	6	18	11	16	20	14	8	11	18	16	177

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(Signed) Norman A. Walton

[P.T.O.

*See Instruction 2 (f) on other side.

3659

Section A for the ent

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. ' in.

,, Ground ,, Sea Level 940 ft.

northern [illegible] by [illegible]

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·77

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	Tr	—	·02	·07	·02	Tr	·02	·04	—	·33	—	—	1
2	—	·19	—	·41	—	1·10	·06	—	·49	·08	·51	·56	2
3	—		Tr	·01	—	·03	Tr	—	·18	·06	1·33		3
4	—	·08	—	·37	—	—	·33	—	·53	Tr	·04	·43	4
5	—	Tr	Tr	—	·03	·78	—	·09	·01	Tr	—	·76	5
6	—	·06	·20	—	—	·47	·20	·30	·05	·37	—	·16	6
7	—		·09	Tr	·03	·20	·59	·30	Tr	·53	·33	·12	7
8	·17	·23	·18	Tr	—	·09	Tr	·15	·09	·61		·07	8
9	Tr	·33	·21	—	·13	·11	·67	·20	—	·03	·26	·04	9
10	·15	·27	·06	—	·20	·21	·02	·01	·09	—	·11	—	10
11	·54	·64	—	·20	—	—	—	TR	Tr	·06	·30	Tr	11
12	·10	·07	—	·08	—	·18	·17	—	—	·06	·02	—	12
13	Tr	Tr	·51	·04	·17	·08	·19	—	—	—	—	·02	13
14	·16	·07	Tr	Tr	·15	·96 E	·25	—	—	—	·22	·01	14
15	·05		—	·10	Tr	·01	·50	·22	Tr	—	Tr	—	15
16	·32	·82	—	·84	·01	·10	·02	·05	·10	—	—	—	16
17	—	·29	—	—	—	·21	·13	·25	Tr	Tr	·19	—	17
18	·29	—	—	·62	—	·15	·20	·15	·06	Tr	—	Tr	18
19	·17		Tr	—	—	—	·13	·05	Tr	·03	·16	Tr	19
20	Tr	·25	Tr	—	—	·03	·13	·90	·02	—	·10	·63	20
21	·11	Tr	·02	Tr	Tr	·23	—	·58	—	—	Tr	—	21
22	·36	·11	Tr	·14	·16	·03	·08	·33	Tr	—	Tr	Tr	22
23		·18	—	·17	·09	·37	·19	—	·02	·25	·35	·31	23
24	·17	·40	—	·17	·37	—	—	—	Tr	—	·07	·01	24
25	·53	·34	—	·26	·07	—	·02	—	—	—	·01	·06	25
26	·15	—	—	·19	—	—	·04	—	Tr	—	·36	·05	26
27	·08	·03	Tr	·15	—	—	—	—	Tr	·67	—	Tr	27
28	·31	·11	Tr	·03	·18	·28	·63	—	—		·06	·06	28
29	·22	X	Tr	·05	·05	—	·20	—	—	·33	·07	·12	29
30	·02	X	Tr	·05	·64	—	·41	—	·02	·03	—	—	30
31	·39	X	—	X	·02	X	·07	—	X	Tr	X	·08	31
TOTAL	4·29	4·46	1·29	3·95	2·32	5·71	5·25	3·62	1·66	3·44	4·60	3·07	YEAR'S TOTAL 43·66
*Days with ·01 in. or more.	20	21	8	20	16	20	24	15	12	14	20	18	208
*Days with ·04 in. or more.	20	19	6	18	11	16	20	14	8	11	18	16	177

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(Signed) Norman A. Walton [P.T.O.

*See Instruction 2 (f) on other side.

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3659

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·02	·07	·02		·02	·04		·33	00		1
2		·18		41		1·10	06		·49	08	·51		2
3				01		03			·18	06	1·33		3
4		08		37			33		·53		04		4
5					03	78		09	·01				5
6		06	20			47	20	30	·05	·37			6
7			09		03	29	59	30	tr	53	·33		7
8	·17	23	18			09		15	·09	61			8
9		33	21		13	11	67	20		03	·26		9
10	·15	27	·06		20	21	02	·01	·09		11		10
11	54	64		20					tr	06	30		11
12	10	07		08		18	·17			06	02		12
13			·51	04	17	08	19						13
14	16	07			15	96	25				22		14
15	·05			10		01	50	·22	tr				15
16	·32	·82		84	01	10	02	05	·10				16
17		29				21	13	50	tr		19		17
18	29			62		15	20	18	·06				18
19	17						13	05	tr	03	16		19
20		25				03	13	90	·02		19		20
21	11		02			23		38					21
22	36	11		14	16	03	08	25	tr				22
23		18		17	09	37	19		·02	25	35		23
24	17	40		17	37				tr		07		24
25	53	34		26	07		02				01		25
26	15			19			04		tr		38		26
27	08	03		15					tr	·67			27
28	31	11		03	18	28	63				06		28
29	22			05	05		20			33	07		29
30	02	✕		05	·64		41		·02	·03			30
31	39	✕		✕	02	✕	07		✕		✕		31
TOTAL	4·29	4·46	1·29	3·95	2·32	5·71	5·25	3·62	1·66	3·44	4·60		YEAR'S TOTAL
*Days with ·01 in. or more.	20	21	8	20	16	21	24	15	12	14	19 20		
*Days with ·04 in. or more.	19 20	19	6	18	11	16	20	14	8	11	17 18		

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(Signed) h. a. Walton [P.T.O.

*See Instruction 2 (*f*) on other side.

3659

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Alston Vicarage

in the County of Cumberland.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 940 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·18

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·77	Tr	—	·15	·06	—	·02	+	1·40	·46	Tr	·56	1
2	1·40	Tr	Tr	—	Tr	·07	·25	·13	·44	·12	·48	·45	2
3	·73	Tr	—	·19	·03	—	·04	·06	·12	·05	·08	·33	3
4	·27	Tr	·03	·10	·29	Tr	·41	·06	·03	Tr	Tr	·16	4
5	·65	Tr	·40	·23	·08	—	—	·03	·17	—	—	Tr	5
6	·22	Tr		·10	·09	—	—	—	·05	·50	—	·05	6
7	·04	—	·82	·12	·35	·03	Tr	Tr	·12	·23	—	—	7
8	—	·01	—	·45	—	—	—	Tr	·20	·76	Tr	Tr	8
9	·90	·35	—	1·32	—	—	—		·23	·34	·03	·09	9
10	·14	·05	·10	·17	—	—	—		1·12	·61	Tr	·11	10
11	Tr	·23	·04	~~Tr~~	·34	Tr	·35		·10	·01	Tr	Tr	11
12	·35	Tr	—	·33		·08	Tr		·02	·42	Tr	·03	12
13	·20	—	Tr	·16	·56	—	·05	·04	·68	·06	Tr	Tr	13
14	·22	·05	—	·05	—	—	Tr	·01	Tr	·01	·07		14
15	·44	—	—	Tr	·23	—	—	—	—	·05	·09	·20	15
16	·85	—	Tr	—	Tr	—	·03	—	Tr.	·25	Tr	·30	16
17	·01	—	—	—	·07	—	·08	·04	Tr	·71	—	·62	17
18	Tr	—	—	Tr	·06	—	Tr	Tr	Tr	Tr	—	Tr	18
19	—	Tr	Tr	·32	·07	—	·07	Tr	·03	·15	—	·01	19
20	—	—	·03	·61	·02	—	Tr	1·23	—	·18	·07	Tr	20
21	·03	—	·61	Tr	·01	—	Tr	·37	—	1·06	·20	Tr	21
22	·01	—	·1	·45	Tr	—	·13	Tr	—	·20	·94	·12	22
23	—	—	Tr	—	—	Tr	·12	—	·02	·11	·28	·03	23
24	·01	·02	—	—	·72	·04	·23	—	·30	Tr		·01	24
25	—	·16	—	·34	·12	·03	·02	—	·21	·36	·36	—	25
26	—	·02	—	—	·12	·02	·40	Tr	·48		·30	—	26
27	—	Tr	Tr	·02	·08	·95	1·18	Tr	—	·65	·12	·03	27
28	—	Tr	Tr	·19	·41	·05	·05	Tr	—	·07	Tr	·02	28
29	·05	—	·84	Tr	·02	Tr	1·03	+	·03	·29	·35	·16	29
30	—	×	·35	—	—	·73	·26	·42	·67	·12	Tr	Tr	30
31	Tr	×	·10	×	—	×	·07	·05	×	Tr	×	·11	31
TOTAL	7·43	·79	3·48	5·30	3·08	2·00	4·78	2·44	6·61	7·77	3·37	3·39	YEAR'S TOTAL 50·44
*Days with ·01 in. or more.	19	8	12	19	21	9	19	13	20	26	14	20	200
*Days with ·04 in. or more.	15	5	10	18	17	6	16	11	15	24	13	14	164

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*See Instruction 2 (*f*) on other side.

(*Signed*) Norman A. Walton

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Alston Vicarage
in the County of Cumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft - in.
„ Ground „ Sea Level 940 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ·08

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·18	·15	Tr	—	Tr	—	—	1·07	Tr	—	·11	·01	1
2	+	·64	·05	·09	Tr	·06	—	·01	—	—	·07	·02	2
3	·83	·31	·11	·07	·05	—	—	—	—	—	·09	—	3
4	·54	·83	·50	—	·20	—	—	—	—	—	·01	—	4
5	·18	·75	+	—	·02	—	—	—	—	—	Tr	—	5
6	·02	·07	+	—	+	—	—	—	—	—	·01	·10	6
7	·14	·09	·44	—	·57	—	·06	·42	—	·51	Tr	·03	7
8		·03	·29	·56	·04	Tr	·02	·13	—	·14	Tr	·10	8
9		·51	Tr	·08	·14	·16	·28	—	—	·42	·08	·04	9
10	·33	·10	—	—	·23	·38	+	—	—	·35	Tr	·05	10
11	Tr	Tr	—	·04	·16	·02	·31	—	—	·15	—	·04	11
12	—	Tr	—	—	—	·12	·39	—	—	Tr	—	·05	12
13	Tr	Tr	·06	—	·07	—	+	·07	·04	·39	+	—	13
14	·29	—	·15	—	·02	—	+	·02	—	Tr	+	·15	14
15	·08	—	·15	·10	—	—	·58	·05	—	·49	·63	Tr	15
16	·08	—	·41	·13	·31	·27	+	·05	—	·04	·43	—	16
17	·06	·03	·02	·04	·03	·85	·31	·11	·11	—	·45	—	17
18	·05	·24	·29	·07	Tr	·35	·01	·34	—	—	·27	—	18
19	—	Tr	·15	—	Tr	·06	—	·05	·16	—	·07	Tr	19
20	—	—	Tr	—	·25	·33	—	·09	·02	·09	Tr	Tr	20
21	—	—	—	—	—	—	—	·27	Tr	·08	·03	·04	21
22	—	Tr	—	Tr	Tr	—	—	·07	·08	·19	Tr	—	22
23	Tr	·05	—	Tr	·06	—	—	Tr	·18	·06	·02	—	23
24	—	·77 s	—	Tr	·21	·25	·11	—	·21	·11	·12	·02	24
25	—	1·04 s	—	·29	Tr	—	·06	—	·75	·04	Tr	Tr	25
26	—	·82	—	·02	—	—	—	—	·02	·11	Tr	·02	26
27	—	—	—	·04	Tr	—	·32	—	·01	·08	·03	Tr	27
28	—	—	Tr	·06	—	—	·19	·82	Tr	1·05	—	·01	28
29	—	X	·07	Tr	—	—	·10	·05	Tr	·32	—	·09	29
30	·01	X	·07	·11	—	—	·47	—	·05	·15	—	·19	30
31	1·89	X	·13	X	—	X	·05	·44	X	·03	X	·08	31
TOTAL	4·68	5·81	2·97	1·70	2·36	2·85	3·26	4·06	1·63	4·80	2·45	1·04	YEAR'S TOTAL 37·61
*Days with ·01 in. or more.	17	16	17	15	16	11	19	17	11	20	17	17	193
*Days with .04 in. or more.	15	14	16	14	13	10	17	15	8	19	12	11	164

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*See Instruction 2 (*f*) on other side,

D M

(Signed) Norman A. Walton

P.T.O.

3659

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Duplicate

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·18	·15						1·07			·11	·01	1
2		·04	·05	·09		·06		·01			·07	·02	2
3	·83	·31	·11	·07	·05						·09		3
4	·54	·83	·50		·20						·01		4
5	·18	·75			·02								5
6	·02	·07									·01	·10	6
7	·14	·07	·49		·57		·06	·42		·51		·03	7
8		·03	·29	·56	·04		·02	·13		·14		·10	8
9		·51		·08	·14	·16	·28			·42	·08	·04	9
10	·33	·10			·23	·38				·35		·05	10
11				·04	·16	·02	·31			·15		·04	11
12						·12	·39					·05	12
13			·06		·07			·07	·04	·39			13
14	·29		·15		·02			·02				·15	14
15	·08		·18	·10			·58	·05		·49	·63		15
16	·08		·41	·13	·31	·27		·05		·04	·43		16
17	·06	·03	·02	·04	·03	·85	·31	·11	·11		·48		17
18	·05	·24	·29	·07		·35	·01	·34			·27		18
19			·15			·06		·05	·16		·07		19
20					·25	·33		·09	·02	·09			20
21								·27		·08	·03	·04	21
22								·07	·08	·19			22
23		·05			·06				·18	·06	·02		23
24		·77			·21	·25	·11		·21	·11	·12	·02	24
25		1·04		·29			·06		·75	·04			25
26		·82		·02					·02	·11		·02	26
27				·04			·32		·01	·08	·03		27
28				·06			·19	·82		1·05		·01	28
29			·07				·10	·05		·32		·09	29
30	·01	×	·07	·11			·47		·05	·15		·19	30
31	1·89	×	·13	×		×	·05	·44	×	·03	×	·08	31
TOTAL	4·68	5·81	2·97	1·70	2·36	2·85	3·26	4·06	1·63	4·80	2·45	1·04	YEAR'S TOTAL 37·61
*Days with ·01 in. or more.	17	16	17	15	16	11	19	17	11	20	17	17	193
*Days with ·04 in. or more.	15	14	16	14	13	10	17	15	8	19	12	11	164

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(Signed) h. a. Walton [P.T.O.

M

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3659.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. · in.

,, Ground ,, Sea Level 940 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·48

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·08	–	·12	·04	–	–	–	·07	Tr	+	–	·18		1
2	–	–	·12	·02	·02	–	–	·50	·17	+	·02	·21		2
3	·09	·07	·05	Tr	–	–	–	·03	·02	+	·21	·15		3
4	·61	Tr	·03	·12	Tr	–	·	·	·01	+	·07	1·04		4
5	Tr	·01	·15	·06	·89	Tr	·12	·02	·04	·60	·08	·23		5
6	·14	–	·09	·10	·02	–	–	·21	·02	·17	–	·08		6
7	·65	·09	·10	·04	·02	·45	–	–	Tr	·11	–	·10		7
8	–	·01	·02	·06	–	·08	–	·10	·02	·46	–	·19		8
9	·01	·02	·08	·69	–	–	–	·36	Tr	·21	·52	·09		9
10	·15	–	·20	·19	–	–	·02	·36	·01	·03	·93	·01		10
11	·27	–	·44	·22	–	–	–	·11	·	·02	·06	·02		11
12	·04	Tr	·85	1·00	–	–	·67	·06	–	·08	·01	·03		12
13	·26	–	Tr	·14	·16	–	1·30	–	–	·13	Tr	·04		13
14	·42	–	·35	·04	·02	·05	·07	–	·	·22	–	·07		14
15	·44	–	·24	·02	·90	·01	–	·15	·13E	+	·14	·35		15
16	·59	–	·57	–		–	–	–	x	·36	·09	✓		16
17	·17	–	·10	–	·57	·	·50E	–	·41	Tr	·03	·31		17
18	·54	–	·32	+	·30	·17	·28	·04	·02	·02	Tr	·34		18
19	–	Tr	·22	·49	·59	·14	–	·06	·15	·33	Tr	·10		19
20	Tr	–	·03	Tr	·36	+	·04	·33	·17	·03	–	Tr		20
21	·02	–	·01	·19	·12	·53	–	·31	·11	·11	·01	–		21
22	–	–	Tr	·01	Tr	·38	–	·11	·35	·18	·13	·05		22
23	–	Tr	·03	·42	–	Tr	·62	·04	Tr	·52	Tr	✓		23
24	·02	·05	–	·03	·08	·06	·03	–	·11	·65	–			24
25	–	·02	–	·08	·02	Tr	·17	–	·17	·53	·04	·78		25
26	·44	–	·09	1·02	–	·19	·09	–	·16	·48	–	x		26
27	–	Tr	–	·52	–	·19	·11	·06	Tr	·40	·01	x		27
28	–	–	–	·26	–	·07	·08	·22	Tr	·20	–	·98		28
29	–	×	·05	·02	–	–	·07	·26	·18	·42	–	x		29
30	·29	×	Tr	–	–	–	–	·01	1·03	·58	–	·59		30
31	Tr	×	Tr	×	–	×	·08	·01	×	·20	×	·14	Year's Total	31
TOTAL	5·23	·27	4·19	5·78	4·07	2·32	4·25	3·42	3·28	7·04	2·35	6·08	48·28	✓
*Days with ·01 in. or more.	19	7	23	25	15	13	16	22	20	30	15	28 ~~26~~	23~~X~~3	
*Days with ·04 in. or more.	16	3	18	20	10	12	14	18	14	26	10	23 ~~29~~	~~190~~ 184	

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*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) Norman A. Walton

P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·08		·12	·04				·07				·18		1
2			·12	·02	·02			·50	·17		·02	·21		2
3	·09	·07	·05					·03	·02		·21	·15		3
4	·61		·03	12					·01		·07	1·04		4
5		·01	·15	·06	89		·12	02	·04	·60	·08	·23		5
6	·14		·09	·10	·02			·21	·02	·17		·08		6
7	·65	·09	·10	·04	·02	·45				·11		·10		7
8		·01	·02	·06		·08		·10	·02	·46		·19		8
9	·01	·02	·08	·69				·36		·21	·52	·09		9
10	·15		·20	·19			·02	·36	·01	·03	·93	·01		10
11	·27		·44	·22				·11		·02	·06	·02		11
12	·04		·85	1·00			·67	·06		·08	·01	·03		12
13	·26			·14	16		1·30			·13		·04		13
14	·42		·28	·04	02	·05	·07			·22		·07		14
15	·44		·24	·02	·90	·01		·15	·13		·14	·35		15
16	·59		·57							·36	·09			16
17	·17		·10		·57		·50		·41		·03	·31		17
18	·54		·32		30	·17	·28	·04	·02	·02		·34		18
19			·22	·49	·59	·14		·06	·15	·33		·10		19
20			·03		·36		·04	·33	·17	·03				20
21	·02		·01	·19	·12	·53		·31	·11	·11	·01			21
22				·01		·38		·11	·35	·18	·13	·05		22
23			·03	·42			·62	·04		·52				23
24	·02	·05		·03	·08	06	·03		·11	·65		—		24
25		·02		·08	·02		·17		·17	·53	·04	·78		25
26	·44		·09	1·02		·19	·09		·16	·48				26
27				·52		·19	·11	·06		·40	·01			27
28				·26		·07	·08	·22		·20		·98		28
29			·05	·02			·07	·26	·18	·42				29
30	·29	×						·01	1·03	·58		·59		30
31		×		×		×	·08	·01	×	·20	×	·14		31
TOTAL	5·23	·27	4·19	5·78	4·07	2·32	4·25	3·42	3·28	7·04	2·35	6·08	Year's Total 48·28	
*Days with ·01 in. or more.	19	7	23	25	15	13	16	22	20	30	15	28	233	
*Days with ·04 in. or more.	16	3	18	20	10	12	14	18	14	26	10	23	184	

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*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) Rev. M. A. Walton

[P. T. O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. **Station No.** 3659.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193~~4~~5.

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. · in.
,, Ground ,, Sea Level 940 ft.

days

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·10.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·48	·16	·07	Tr	–	–	·30	–	·61	·27	·06	·49		1
2	Tr	·23	Tr	–	–	·10	·04	–	·49	·17	·03	·01		2
3	–	·37	·16	·x	–	·08	·30	–	·04	–	x	·03		3
4	–	·01	·07	·21	–	·35	·27	Tr	Tr	·33	x+	Tr		4
5	·11	·98	·10	Tr	–	·14	·19	–	·03	·13	·37	·03		5
6	·05	Tr	Tr	–	–	·18	–	–	–	x	·08	–		6
7	·08	–	Tr	·23	–	·65	–	–	–	·32	·11	·25		7
8	·02	–	–	·28	–	·40	–	·01	–	·49	·02	·14		8
9	Tr	·02	–	·46	Tr	Tr	–	–	–	·71	·15	·07		9
10	·11	·04	Tr	·37	–	·05	–	–	–	·14	·11	–		10
11	·55	x	–	·15	–	·22	–	·12	Tr	·11	·15	–		11
12	·03	·54	–	–	Tr	·09	–	–	·05	·01	Tr	–		12
13	·08	·22	–	·07	·39	·07	·07	Tr	·19	·02	·08	Tr		13
14	Tr	·06	·02	Tr	Tr	Tr	Tr	–	·07	Tr	·29	·11		14
15	–	1·44	–	·10	Tr	x	–	–	·50	·47	·03	·17		15
16	–	·97	·16	1·27	·41	·20	·16	·03	·84	Tr	·50	–		16
17	–	Tr	Tr	·52	·03	x	·07	·01	·36	Tr	·45	–		17
18	·05	·12	–	·09	Tr	·16	·08	–	·28	·59	·06	–		18
19	Tr	x	–	Tr	–	·16	·42	–	·02	·17	·19	–		19
20	·01	·89	–	·09	–	Tr	·01	–	x	–	x+	–		20
21	·02	–	·14	·01	–	–	–	–	·71	·37	·04	Tr		21
22	·01	·26	·40	·18	–	–	–	–	·17	–	·03	–		22
23	·12	·27	✓	·07	–	Tr	–	·19	·04	·27	x	–		23
24	·36	·39	✓	Tr	–	–	–	Tr	·51	·01	✓	·21		24
25	·04	·01	·24	–	–	–	·06	·02	Tr	Tr	·45	·04		25
26	·02	·06	–	–	–	x	·04	·79	·12	·31	·10	·08		26
27	·01	·09	–	–	–	·21	·36	–	·18	·99	·46	·02		27
28	–	Tr	–	–	–	–	–	–	·12	·43	·18	✓		28
29	Tr	x	·24	–	–	–	–	·22	·18	·68	·33	·18		29
30	·04	×	·03	–	–	·19	–	·28	·20	·40	·90	x		30
31	·25	×	Tr	×	–	×	–	Tr	×	·64	×	·21		31
TOTAL	2·44	7·13	1·63	4·10	·88	3·25	2·37	1·67	5·71	8·03	5·17	2·04	Year's Total. 44·42	
* Days with .01 in. or more.	20	22	13	16	3	21	14	9	22	24	29	17	210	
* Days with .04 in. or more.	13	19	9	15	2	19	13	5	20	21	24	12	172	

40-9999

* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) Norman à Walton

[P.T.O.

Jan. Circ. D.V. sent 15.2
Obs. agrees

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Alston Vicarage
in the County of Cumberland

Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft .... in.
,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·48	·16	·07				·30		·61	·27	06	·49		1
2		·23				·10	·04		·49	17	·03	·01		2
3		·37	·16			·08	30		·04			·03		3
4		·01	·07	·21		·35	·27			·33				4
5	·11	·98	·10			·14	·19		·03	·13	·37	·03		5
6	·05					·18					·08			6
7	·08			·23		65				32	·11	·25		7
8	·02			·28		·40		·01		49	·02	·14		8
9		·02		·46						·71	·15	·07		9
10	·11	·04		37		·05				·14	·11			10
11	·55			·15		·22		·12		·11	·15			11
12	·03	·54				·09			·05	·01				12
13	·08	·22		·07	·39	·07	·07		·19	·02	·08			13
14		·06	·02						·07		·29	·11		14
15		1·44		·10					·50	·47	·03	·17		15
16		·97	·16	1·27	·46	20	·16	·03	·84		·50			16
17				·52	·03		·07	·01	·36		·45			17
18	·05	·12		·09		·16	·08		·28	·59	·06			18
19						·16	·42		·02	·17				19
20	·01	·89		·09			·01				·19			20
21	02		·14	·01					·71	·37	·04			21
22	·01	·26	·40	·18					·17		·03			22
23	·12	·27		·07				·19	·04	·27				23
24	·36	·39							·51	·01		·21		24
25	·04	·01	·24				·06	02			·45	·04		25
26	·02	·06					04	·79	12	·31	·10	·08		26
27	·01	·09				·21	·36		·18	·99	·46	·02		27
28									·12	·43	·18			28
29			·24					22	·18	·68	·33	18		29
30	·04	X	·03			·19		·28	·20	·40	·90	/		30
31	·25	X		X		X			X	·64	X	·21		31
TOTAL	4 2·42	7·13	1·63	4·10	·88	3·25	2·37	1·67	5·71	8·03	5·17	2·04	Year's Total 44·42	
*Days with ·01 in. or more.	20	22	13	16	3	21	14	9	22	24	29	16 7	10 209	
*Days with .04 in. or more.	13	19	9	15	2	19	13	5	20	21	24	11 12	2 171	

40-9999
*See Instruction 2 (*f*) on other side.

M

† Spare column, no entries required.

(*Signed*) Rev. h. A. Walton

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

Copy by B.R.O.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·10		46				·28	·50	·12	TR	·20	·06		1
2	03	·32	·05			·01	·05	·04	·02	–	·07	·05		2
3		03				1·59	·03	·32	–	–	TR	·70		3
4		·05	25			06	19	·06	·69	–	·92			4
5	33					03		·38	·44	TR	·38	·20		5
6	15		18				·14	·10	·39	–	·08	Tr		6
7	03						·03	·01	·55	–	·39	–		7
8	22		25						–	TR	·17	–		8
9	92					·01	19		·46	·10	·32	–		9
10	49		14						Tr	·04	·45	–		10
11	01			·19		07	43	·10	·06	TR	·71	Tr		11
12	01			31	·01		06	·01	·38	–	·29	·52		12
13				39	·02		08		·10	·27	·03	1·42		13
14				22		39			·22	·03	·52	·61		14
15	06				02	05	06	02	·03	·06	·18	·28		15
16			03	19		06	02		–	·24	1·07	·03		16
17		44		21	12		27		–	·37	·26	·39		17
18	11	14		05			34		Tr	·50	TR	·15		18
19	07	30				02	31	·14	–	·02	–	·12		19
20	1·01	20	·01			03	01		–	·03	–			20
21	04	03	07	07					–	–	–	·03		21
22		56	02			32	20		–	TR	–	–		22
23	23	21		01	·15		15		–	·06	–	–		23
24	03	25		11	73		81		·90	1·88	–	Tr		24
25		05	03	12			29		·23	·31	–	–		25
26	34	28	08	13					·14	·44	–	–		26
27	29		05						·10	·26	–	–		27
28	20		06		01		39		–	–	–	–		28
29		1·10	35		54	·93	03		–	·23	–	Tr		29
30	·25	✕	06		04	07	38		Tr	·18	·21	·09		30
31	02	✕	16	✕		✕	03		✕	TR	✕	·54		31
TOTAL	4·94	3·96	2·25	2·00	1·64	3·64	4·77	1·68	4·83	5·02	5·75	5·19	Year's Total. 45·67	✓
* Days with .01 in. or more.	26	16	18	13	9	17	26	12	17	17 ~~19~~	17 ~~19~~	17	206	✓
* Days with .04 in. or more.	19	14	14	12	5	11	19	9	15	14 ~~16~~	16 ~~18~~	14	162	✓

40-9999

† Spare column, no entries required.

(Signed) Rev. W. A. Walton

* See Instruction 2 (f) on other side.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

Copy by B.R.O.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·10	·13	·33	–	–	–	·05	–	·30	·12	–	–		1
2	·29	·40	·17	·22	–	·30	–	–		–	–	·55		2
3	–	·42	·06	–	·29	·49	·06	–	·04	–	–	·11		3
4	·57	–	·10	–	·29	·01	–	–	·36	–	–	·21		4
5	·81	·01	·01		·13	–	·09	–	·87	–	–	·26		5
6	·21	·04	·01		·13	·02	–	–	–	·04	·01			6
7	–		·02	·42	·15	–	·02	–	·10	–	–	·35		7
8	–		·09	·10		·02	·11	·02	·18	–	·11	·15		8
9	–		–	–	·21	·03	·09	·07	·05	–	–	–		9
10	–	·77	–		·08	–	·05	–	–	–	–			10
11	·44	–	·65	·16	–	–	–	–	–	–	–	·79		11
12	–	·11	·90	·04	·03	·04	–	·75	·05	–	–			12
13	–	·15	·01	·05	·02	·19	–	·17	–	–	–			13
14	–	–	·02	–	–	–	·05	·37	·06	–	–	–		14
15	·27		·01		–	–	·65	·06	·16	·02	–			15
16	·08	·83	·90		–	·04	–	·13	·09	–	–			16
17	–	·03	·02	·44	–	·02	–	·01	·78	–	–			17
18	·33	·33	·02	–	–	·01	·03	·28	–	–	·04			18
19	–	·34	–	–	–	·03	–	–	·01	–	·45			19
20	·58	–	·07	–	·89	·15	·02	·03	·08	–	·07			20
21	·22	·05			·03	–	·37	–	–	·05	–			21
22	·13	–			·16	–		–	–	·04	·08	1·32		22
23	·11	–	·34	·39	·08	–		–	–	·93	·02	·02		23
24	·41		–	–	·06	–	·37	–	·17	·19	–	·02		24
25	·01	·24	·03	–	–	–	–	·06	–	·05	–	–		25
26	·02	·20	·04	·23	·56	–	–	–	–	–	–	·02		26
27		·20	·01	–	–	·03	·36	–	–	·70	–	·04		27
28		·77	–	–	–	–	–	–	–		–	·02		28
29	·27	–	–	–	–	·10	–	–	–	·16	·01	·10		29
30	·19	✕	–	–	–	·30	–	·33	·04	·06	·11	·03		30
31	·33	✕	–	✕	–	✕	–	·35	✕	·03	✕	·01		31
													Year's Total	
TOTAL	5·37	5·02	3·81	2·05	3·11	1·78	2·32	2·63	3·34	2·~~40~~ 39	·90	4·00	36·72	✓
* Days with .01 in. or more.	22	22	2~~1~~ 3	1~~5~~ 6	16	16	16	13	18	14	9	23	208	✓
* Days with .04 in. or more.	20	20	1~~3~~ 2	15	13	8	13	10	15	12	6	17	161	✓

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Alston Vicarage
in the County of Cumberland
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 940 ft.

Acc

Annual Total corrd. by Obs. see card. 25.1.39

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ·01

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·10	·13	·33	Tr	-	-	·05	-	·30	·72	Tr	Tr		1
2	·29	·40	·17	·22	·	·30	Tr	Tr	·	-	-	·55		2
3	Tr	·42	·66	-	·29E	·49	·06	-	·04	-	-	·11		3
4	·57	Tr	·10	-	·29	·01	Tr	-	·36	-	-	·21		4
5	·81	·01	·01		·13	Tr	·09	-	·87	Tr	-	·26		5
6	·21	·04	·01		·13	·02	Tr	Tr		·04	·01			6
7	-		·02	·42	·15	Tr	·02	-	·10	Tr	-	·35		7
8	-		·09	·10		·02	·11	·02	·18	-	·11	·15		8
9	-		Tr	Tr	·21	·03	·09	·07	·05	Tr	-			9
10	Tr	·77	Tr	·	·08	Tr	·05	-	-	-	·			10
11	·44	-	·65	·16	Tr	Tr	Tr	-	·	-	-	·79		11
12	-	·11	·90	·04	·03	·04	-	·75	·05	-	-	+		12
13	-	·15	·01	·05	·02	·19	Tr	·17	·	Tr	-	+		13
14	-	Tr	·02	Tr	Tr	Tr	·05	·37	·06	-	·	·		14
15	·27		·01		-	-	·65	·06	·16	·02	-	+		15
16	·08	·83	·90		-	·04	-	·13	·09	-	Tr	·		16
17		·03	·02	·44	-	·02	-	·01	·78	-	-	·		17
18	·33	·33	·02	-	-	·01	·03	·28	Tr	-	·04	·		18
19	Tr	·34	-	·	Tr	·03	-	Tr	·01	-	·45	+		19
20	·58	Tr	·07	·	·89	·15	·02	·03	·08	-	·07	·		20
21	·22	·05			·03	-	·37	-	Tr	·05	-	·		21
22	·13	-			·16	-		-	-	·04	·08	·132		22
23	·11	-	·34	·39	·08	-		-	-	·93	·02	·02		23
24	·41	+	Tr	·	·06	-	·37	-	·17	·19	-	·02		24
25	·01	·24	·03	-	·	-	-	·06	Tr	·05	-	-		25
26	·02	·20	·04	·23	·56	Tr	-	-	Tr		-	·02		26
27	+	·20	·01	Tr	-	·03	·36	-	-	·70	-	·04		27
28	+	·77	-	-	-	-	Tr	·	·		-	·02		28
29	·27	✕	-	-	-	·10	-	Tr	-	·16	·01	·10		29
30	·19	✕	·	-	Tr	·30	-	·33	·04	·06	·11	·03		30
31	·33	✕	-	✕	Tr	✕	-	·35	✕	·03	✕	·01		31
TOTAL	5·37	5·02	3·81	2·05	3·11	1·78	2·32	2·63	3·34	2·~~40~~ ·39	·90	4·00	Year's Total ~~35·83~~ 36·1	
* Days with .01 in. or more.	22	22	21	15	16	16	16	13	18	14	9	23	205	
* Days with .04 in. or more.	20	20	13	15	13	8	13	10	15	12	6	17	162	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Norman A. Walton

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at ~~New [illegible]~~ Alston Vicarage
in the County of Cumberland.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 940 ft.

July & August totals adjusted from nearby stations

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·01	·15	·04	·03	–	1·37	✓ –	–	–		x	·36		1
2	·03	·13	–	·88	–	·07	✓ –	–	·01	1·42	x ·79	·16		2
3	·06	·02	–	–	–	·02	x ·31	–	·30	1·68	·53	TR		3
4	·04	·08	–	·22	–	–	·14	–	TR	·44	·07	·62		4
5	·02	·06	–	·01	–	·05	·07	✓	·05	·88	·02	·07		5
6	·49	–	–	–	–	·15	·07	x	TR	·50	TR	·08		6
7	·15	–	–	·01	–	–	·72	✓	·13	·47	·09	TR		7
8	·09	·02	–	–	–	–	x	✓	TR	·63	·33	·11		8
9	x	·60	·07	–	·23	x	✓ ·25	–	TR	·06	–	·93		9
10	·22 x	·02	–	–	–	x ·29	·09	–	TR	·13	TR	·02		10
11	x	–	–	–	·02	–	·22	–	·01	·06	·10	·09		11
12	x ·23	–	–	–	·12	–	·03	x	TR	·06	·85	·02		12
13	·10	·02	–	–	✓	–	·12	✓	·13	·08	·52	·12		13
14	·50	·20	–	–	x	–	TR	~~1·02~~ (·16)	–	TR	·01	x		14
15	·38	·05	·02	–	x ·11	–	·22	–	·13	·12	–	x ·60		15
16	x	–	·10	–	·25	–	·01	·80	TR	·55	·04	·02		16
17	x ·68	·01	–	–	·04	–	·04	·44	–	·79	TR	TR		17
18	·10	·02	–	–	·03	·11	–	·20	·41	·36	·51	x		18
19	·06	·01	·19	–	·05	·01	TR	·41	·01	–	·11	x		19
20	·45	–	·68	–	–	–	–	·21	·07	–	·01	✓ ·62		20
21	–	–	·06	·06	·08	–	–	·13	·12	–	TR	x		21
22	–	–	–	·05	·04	–	–	TR	TR	–	·57	x		22
23	·13	–	–	·02	·30	·46	–	·24	·06	–	·67	x ·42		23
24	·35	·02	–	–	·01	x	·02	–	·01	·22	·02	TR		24
25	·13	·01	x	·01	·02	–	1·44	–	–	·47	·26	·04		25
26	·08	·44	x ·18	·04	·03	x	x	TR	TR	·31	·08	·02		26
27	·38	·18	–	–	–	x 1·46	x	·05	–	·13	·25	TR		27
28	·47	·04	·10	–	1·01	1·36	✓	·07	–	TR	·14	·05		28
29	·20		·04	·06	·20	·10	x	·02	–	·03	·26	·46		29
30	·05		·02	–	·06	·02	x	–	·27	·05	1·15	·05		30
31	·55		·06		·27		(·86)	·07		·64		·21		31
TOTAL	5·95	2·08	1·56	1·39	2·87	5·47	(4·64) ~~3·78~~	(2·80) ~~3·66~~	1·71	10·08	7·38	5·07	Year's Total 51·00 ✓	
* Days with .01 in. or more.	29	19	13	11	20	1~~7~~6	23	17	15	24	24	2~~7~~6	238 7 ✓	
* Days with .04 in. or more.	26	10	11	6	1~~4~~3	1~~4~~3	16	12	10	23	20	231	1831 ✓	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

P.T.O.

Circ. 7. sent for Jan. 5.4.39. Obsr. agrees

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Alston Vicarage

in the County of Cumberland

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 940 ft.

Copy by B.R.O.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·50	—	·12	—	tr	—	·35	·34	·02	·11	tr	·58		1
2	·03	—	·02	·01	–	—	·44		·64	·01	·01	·10		2
3	–	–	·03	·11	–	—	·02	·31	tr	·01	·10	·47		3
4	TR	TR		·05	tr	—	·18	tr	–	tr	·05	·02		4
5	·16	TR	·68	–	·11	—	·32	·11	–	·10	·69	·09		5
6	·51	·02	·11	—	·18	—	·27	–	–	tr	·29	tr		6
7		·74	·78	—		—		tr	·02	·01	·71	·03		7
8	1·48	·39	·34	·35	–	—	·18	–	·01	tr	·06			8
9	·42	·38	tr	—	-	tr	·74	·27	·02	tr	·67			9
10	·02	·02	tr	—	-	·16	tr	·19	·66	·45	·01	·51		10
11	·27	·32	·21	—	·03	·24	—	·04	·02	·18	·10	tr		11
12	·14	·13	tr	TR	-	·01	tr	·02	·03	·42	tr	–		12
13	·03	TR	·01	·22	·21	·02	·03	-	·01	·42	·11	–		13
14	·47	·01	·02	·15	·44	·37	·22	-	–	·23	·46	tr		14
15	·67	·01	·03	·24	·02	·42	·05	–	–	·04	·15	–		15
16	·74	·01	·10	·08	·20	tr	·03	-	·01	tr	·17	–		16
17	·23	·35	·03	·22	·03	tr	tr	–	·02	—	·03	–		17
18	·19	·22	·11	—	tr	·03	·07	-	·01	·16	·58	–		18
19	·06	·01	tr	—	·03	·07	tr	–	·01	—	—	·05		19
20	TR	–	tr	—	·11	·15	·01	·05	tr	–	–	–		20
21	·10	·26		·31	tr	tr	—	·53	·06	tr	–	–		21
22	·49	·23	·26	·01	-	—	·03	-	·01	·10	·19	tr		22
23	·11	·46	·06	·21	-	·10	·13	–	·03	·02	·02	tr		23
24	·04	·27	·33	·32	-	·09	tr	tr	tr	–	·02	tr		24
25	·13	–	·11	·14	-	·20	—	·09	-	–	1·16	·04		25
26	·37	·11	·03	·04	-	tr	—	·59	tr	·67	·10	tr		26
27	·03	·64	·69	·04	tr	tr	·08	·17	–	·25	·18	–		27
28	·03	·10	1·01	·19	-	·66	·26	·51	–	·01	·42	tr		28
29	TR		·03	TR	-	·02	·53	tr	–	·47	·13	tr		29
30	–	✕	tr	·03	-	·03	·10	tr	–	·07	1·40	–		30
31	–	✕	–	✕	-	✕	1·00	–	✕	·02	✕	–		31
TOTAL	7 ~~6~~·22	4·08	5·11	2·72	1·36	2·57	5·04	3·22	1·58	3·80	7·81	1·89	Year's Total 46·40	
* Days with .01 in. or more.	25	21	24	18	11	15	22	14	16	20	25	11	222	
* Days with .04 in. or more.	20	14	16	15	7	10	17	13	3	14	20	9	158	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3659

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Alston Vicarage

in the County of Cumberland S

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 940 ft.

Letter sent for September values today. ABS 14/11/40

Jan & Feb. apportioned.

3609.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	–	– ✗	–	·37	—	–	·10	–	–	–	✗ ·46	tr		1
2	tr	– ✗	–	·13	—	–	–	–	–	–	✗ tr	·32		2
3	tr	– –	·31	·16	—	–	·02	–	tr	–	–	·05		3
4	tr	– ✗	–	·05	—	–	·21	–	tr	·23	·12	·35		4
5	–	– ✗	–	–	·11	–	·18	tr	tr	·53	·03	·57		5
6	·09	(·31) ✗ ~~·94~~	–	tr	—	–	·07	–	–	✗ –	–	·54		6
7	·04	·11	–	·23	·05	–	·02	tr	·22	– ·43	✗ ·23	·03		7
8	–	–	·28	·02	TR	–	·07	·54	·03	·74	·11	·08		8
9	–	–	✗	·02	—	–	·47	·24	·39	·77	·33	·26		9
10	–	tr	✗ ·53	–	—	–	·61	·46	–	·08	✗	·07		10
11	–	tr	·91	·05	—	–	·84	–	·01	–	✗ 1·45	·03		11
12	–	·01	·79	–	—	·07	✗	·01	–	–	·01	·02		12
13	–	tr	·20	·05	TR	–	·23 ✗	–	·75	tr	·03	·03		13
14	–	·30	·08	·42	—	–	·22	·20	·04	tr	–	·44		14
15	–	–	·04	·03	·03	·03	–	tr	–	–	tr	·07		15
16	·38	tr	tr	·03	—	·01	✗ ·20	tr	✗ 1·44	–	tr	·01		16
17	–	–	·17	–	TR	–	✗	·03	·33	·49	·84	·14		17
18	–	·10	·34	·11	—	–	✗	·24	·39	tr	·03	·71		18
19	–	tr	·40	·07	—	–	✗ 1·96	tr	·78	·01	·56	·05		19
20	–	tr	·54	·15	—	–	✗	·49	·06	·03	·29	tr		20
21	–	–	·26	tr	—	·59	·07	·03	tr	·12	tr	–		21
22	tr	·05	·04	·05	·16	·02	·05	·02	·07	✗	·05	–		22
23	tr	·33	·04	·71	·02	tr	·06	tr	·07	✗	·30	tr		23
24	·42	·05	–	·12	·15	tr	·21	–	tr	✗	tr	·20		24
25	✗ –	–	·02	–	·15	·04	·04	–	·20	✓	·05	tr		25
26	✗ –	·08	·03	–	·76	·09	tr	·25	·01	–	·07	–		26
27	✗ –	·05	–	–	—	–	✗	tr	·03	·57	–	–		27
28	(2·02) –	–	tr	tr	·21	–	✗ ·17	tr	tr	–	–	·23		28
29	–	–	·19	–	·69	–	·04	·11	–	–	–	✗		29
30	–	✕	tr	–	—	–	–	–	–	✗	tr	✗		30
31	– ~~·41~~	✕	·13	✕	·01	✕	–	·01	✕	✗ ·92	✕	– ·90		31
TOTAL	2·95 ~~1·84~~	1·38 ~~2·99~~	5·30	2·77	2·34	·85	5·84	2·63	4·82	4·92	4·96	5·10	Year's Total 43·86	"d"
* Days with .01 in. or more.	7 ~~11~~	14 ~~10~~	~~21~~ ~~20~~ 20	18	11	7	2~~7~~6	13	17	~~21~~ 17	19	2~~3~~2	191	
* Days with .04 in. or more.	7 ~~11~~	13~~4~~	18	14	8	4	2~~5~~4	8	13	~~19~~ 13	15	1~~8~~7	154	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Rev. N. A. Walton

[P.T.O.

FORM 1090.

B

M
S

3661
WASDALE PIKE
1931 —— 40

780704

*** **The following register of mon**
&c., is NOT required if daily
values are given on the other

and also the space for

gister should be sent:—

RAINFALL IN 193

At Wasdale Pike
In the County of Westmor

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft*.
Height of Ground above Sea Level

in Summer

Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.16				
FEB.	6.31				
MAR.	1.71				
APRIL	3.90				
MAY	4.88				
JUNE	7.67				
JULY	7.33				
AUG.	6.06				
SEPT.	3.39				
OCT.	5.82				
NOV.	13.50				
DEC.	5.58				
Total	71.31				

Distances ..				
Directions from gauge ..				

Signature

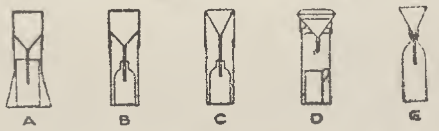
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | }·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

3661

B Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Wasdale Pike

In the County of Westmorland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* – *in.*

Height of Ground above Sea Level 1,825 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.16				
FEB.	6.31				
MAR.	1.71				
APRIL	3.90				
MAY	4.88				
JUNE	7.67				
JULY	7.33				
AUG.	6.06				
SEPT.	3.39				
OCT.	5.82				
NOV.	13.50				
DEC.	5.58				
Total	71.31				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

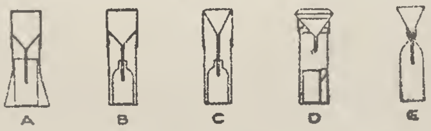
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

B Monthly Summary.

C Particulars of Station.

3661

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

Haweswater

RAINFALL IN 1932

At Wasdale Pike

In the County of Westmorland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft* .... *in*.
- *Height of Ground above Sea Level* 1,825 *ft*.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	12·72				
FEB.	·21				
MAR.	5·95				
APRIL	6·76				
MAY	5·70				
JUNE	4·28				
JULY	9·17				
AUG.	1·95				
SEPT.	9·45				
OCT.	11·25				
NOV.	6·60				
DEC.	14·22				
Total	88·26				

Signature Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3661

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Wasdale Pike

In the County of Westmorland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 1825 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	9.88				
FEB.	7.83				
MAR.	6.30				
APRIL	3.46				
MAY	3.52				
JUNE	3.13				
JULY	7.35				
AUG.	3.99				
SEPT.	2.45				
OCT.	7.11				
NOV.	3.18				
DEC.	1.13				
Total	59.33				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

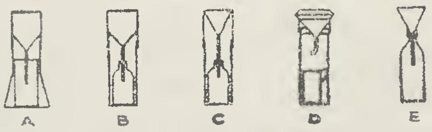
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3661

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Wasdale Pike

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1825 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	14.09				
FEB.	·54				
MAR.	5·64				
APRIL	5·42				
MAY	6·96				
JUNE	3·88				
JULY	2·26				
AUG.	4·45				
SEPT.	10·89				
OCT.	12·90				
NOV.	1·53				
DEC.	15·40				
Total	90·29				

✓

Signature

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3661

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Wasdale Pike

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1825 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·07				
FEB.	12·13				
MAR.	3·38				
APRIL	6·01				
MAY	·75				
JUNE	7·50				
JULY	2·72				
AUG.	4·44				
SEPT.	11·65				
OCT.	12·66				
NOV.	9·79				
DEC.	4·98				
TOTAL	79·08				

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

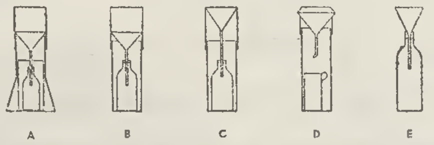
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

X

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3661.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Wasdale Pike

In the County of ~~Cheshire~~ Westmorland

Rain Gauge
Diameter of Funnel 5. in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1825 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	12·01				
FEB.	4·56				
MAR.	5·26				
APRIL	2·06				
MAY	1·82				
JUNE	5·31				
JULY	9·46				
AUG.	4·43				
SEPT.	8·82				
OCT.	7·93				
NOV.	8·62				
DEC.	15·25				
TOTAL	85·53				

Signature Manchester Corpn W.W.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter............in Summer............

COPY BY B.R.O

Nearest Railway Station............ Distance............ Direction from gauge............

Nearest Parish Church at............ Distance............ Direction from gauge............

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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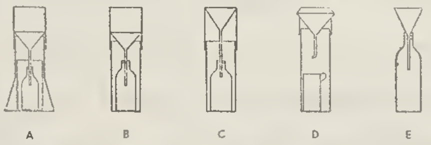

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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3661.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Wasdale Pike

In the County of Westmorland

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level..................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11·60				
FEB.	10·27				
MAR.	3·41				
APRIL	5·38				
MAY	4·05				
JUNE	2·96				
JULY	4·27				
AUG.	3·86				
SEPT.	8·44				
OCT.	4·98				
NOV.	2·63				
DEC.	7·27	✓			
TOTAL	69·12 ✓	✓			

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this Section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..........................in Summer..................

Nearest Railway Station.................................... Distance.................. Direction from gauge..................

Nearest Parish Church at.................................... Distance.................. Direction from gauge..................

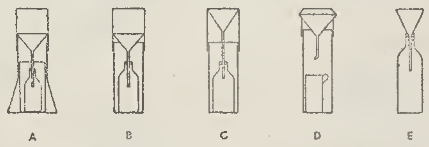
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3661

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Wasdale Pike

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* *in.*
Height of Ground above Sea Level 1825 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	14·00				
FEB.	5·14				
MAR.	7·48				
APRIL	·83				
MAY	6·43				
JUNE	13·30				
JULY	12·59				
AUG.	5·43				
SEPT.	5·18				
OCT.	24·50				
NOV.	16·30				
DEC.	8·99				
TOTAL	120·17 ✓				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter.......................in Summer...................

Nearest Railway Station.................................. Distance............ Direction from gauge............

Nearest Parish Church at.................................. Distance............ Direction from gauge............

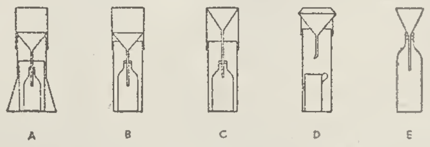
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193...9

At Wasdale Pike

In the County of Westmorland

Rain Gauge
- Diameter of Funnel ......5...... in.
- *Height of Top above Ground* ...1... *ft.* ...0... *in.*
- *Height of Ground above Sea Level* ...1825... *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	14.48				
FEB.	13.22				
MAR.	6.93				
APRIL	3.14				
MAY	1.39				
JUNE	6.49				
JULY	13.42				
AUG.	3.99				
SEPT.	3.30				
OCT.	4.06				
NOV.	16.81				
DEC.	4.87				
TOTAL	92.10	✓			

Signature Per Manchester W.W.

* See Instruction 3 (*f*) below.

3661

C Particulars of Station.

Copy by B.R.O

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

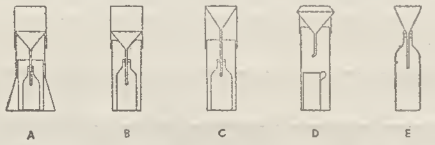
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

C Particulars of Station.

3661

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Wasdale Pike

In the County of West morland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1825 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·87				
FEB.	2·98				
MAR.	10·37				
APRIL	3·39				
MAY	2·53				
JUNE	1·32				
JULY	7·23				
AUG.	3·27				
SEPT.	7·29				
OCT.	11·27				
NOV.	11·87				
DEC.	8·99				
TOTAL	73·38				

Signature Per Manchester W.W.

Copy by B.R.O.

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:— ....

Hour of observation by the clock—in Winter.................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

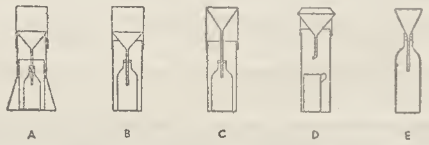
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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3662

FORM 1090. **B** Mont
Sum

, The following register of monthly
&c., is NOT required if daily or
values are given on the other sid

ɪ also the space for

ter should be sent:—

3662

MOSEDALE COTTAGE

1931 —— 40

780704

RAINFALL IN 1931....

At Mosedale Cottag

In the County of Westmorl

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level 1,

ı Summer

Direction from gauge

Direction from gauge

Distances . .

Directions from gauge . .

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Day ·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·12				
FEB.	6.68				
MAR.	1.91				
APRIL	5.15				
MAY	6.28				
JUNE	9.27				
JULY	9.84				
AUG.	6.69				
SEPT.	4.19				
OCT.	8.37				
NOV.	19.72				
DEC.	7.29				
Total	92.51				

Signature........................

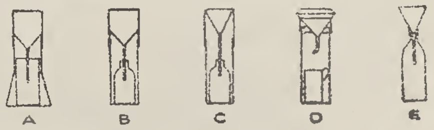
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

3662

B Mon Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Mosedale Cottage

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* – *in.*
- *Height of Ground above Sea Level* 1,443 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·12				
FEB.	6·68				
MAR.	1·91				
APRIL	5·15				
MAY	6·28				
JUNE	9·27				
JULY	9·84				
AUG.	6·69				
SEPT.	4·19				
OCT.	8·37				
NOV.	19·72				
DEC.	7·29				
Total	92·51				
	Inches.				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ...... in Summer ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

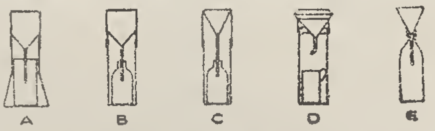
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3662

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

Haweswater.

RAINFALL IN 1932.

At Mosedale Cottage

In the County of Westmorland

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in.*
Height of Ground above Sea Level 1,443 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	18·77				
FEB.	·30				
MAR.	6·96				
APRIL	9·59				
MAY	6·52				
JUNE	4·77				
JULY	9·89				
AUG.	2·12				
SEPT.	10·29				
OCT.	14·74				
NOV.	8·52				
DEC.	18·55				
Total	111·02				

Signature Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

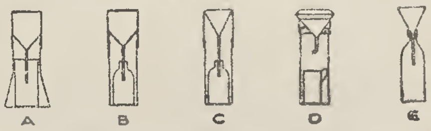
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3662

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Mosedale, Mosedale Cottage

In the County of Westmorland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 1443 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	13.44				
FEB.	8.43				
MAR.	8.07				
APRIL	4.50				
MAY	4.07				
JUNE	4.19				
JULY	7.59				
AUG.	4.85				
SEPT.	3.29				
OCT.	8.42				
NOV.	3.96				
DEC.	1.56				
Total	72.37				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Mosedale Cottage

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1443 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	17.27				
FEB.	·80				
MAR.	7·59				
APRIL	7·66				
MAY	9·43				
JUNE	4·96				
JULY	2·48				
AUG.	7·91				
SEPT.	11·45				
OCT.	14·61				
NOV.	1·83				
DEC.	19·16				
Total	105·15				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

3662.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

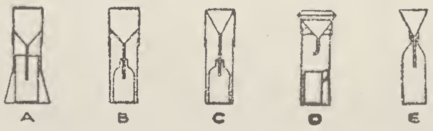
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3662

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Mosedale Cottage

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* ~~3662~~ 1443 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·66				
FEB.	15·10				
MAR.	3·50				
APRIL	7·48				
MAY	·93				
JUNE	8·44				
JULY	3·70				
AUG.	5·45				
SEPT.	15·92				
OCT.	12·95				
NOV.	11·25				
DEC.	5·63				
TOTAL	94·01				

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

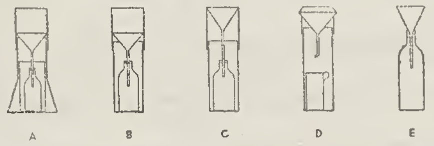
Nature of objects nearest to gauge				
Height of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3662.

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

Mosedale

At (Mosedale Cottage).

In the County of ~~Cheshire~~ Westmorland.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1443 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	13·99				
FEB.	4·98				
MAR.	5·64				
APRIL	2·51				
MAY	2·12				
JUNE	5·73				
JULY	10·49				
AUG.	4·94				
SEPT.	9·52				
OCT.	8·20				
NOV.	9·42				
DEC.	15·76				
TOTAL	93·30				

Signature Manchester Corpn W. W.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Copy by B.R.O.

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

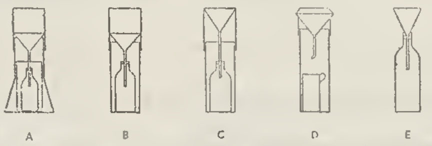
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3662.

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Mosedale Cottage

In the County of Westmorland

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground*.........*ft*.............*in*.
- *Height of Ground above Sea Level*.................*ft*.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	13·80				
FEB.	12·51				
MAR.	3·98				
APRIL	6·28				
MAY	3·92				
JUNE	3·95				
JULY	5·00				
AUG.	4·43				
SEPT.	8·82				
OCT.	5·25				
NOV.	3·00				
DEC.	7·09	✓			
TOTAL	78·03 ✓	✓			

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

COPY by B R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter........................in Summer........................

Nearest Railway Station.............................. Distance.............. Direction from gauge..............

Nearest Parish Church at.............................. Distance.............. Direction from gauge..............

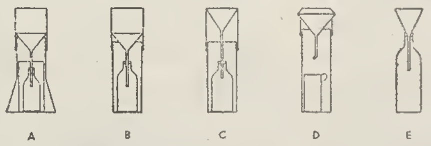
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3662

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Mosedale Cottage

In the County of Westmoland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 1443 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	14·42				
FEB.	5·76				
MAR.	7·50				
APRIL	1·03				
MAY	6·62				
JUNE	13·19				
JULY	12·09				
AUG.	5·20				
SEPT.	4·74				
OCT.	23·56				
NOV.	18·08				
DEC.	9·29				
TOTAL	121·48 ✓				

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Copy by B.R.O.

Hour of observation by the clock in Winter.................. in Summer..................

Nearest Railway Station.............................. Distance.............. Direction from gauge..............

Nearest Parish Church at.............................. Distance.............. Direction from gauge..............

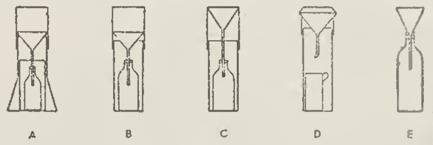
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............................. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3662

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193..9

At Mosedale Cottage

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1443 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	15.72				
FEB.	14.58				
MAR.	7.66				
APRIL	3.45				
MAY	1·31				
JUNE	7.96				
JULY	14·11				
AUG.	4.69				
SEPT.	3·99				
OCT.	4·33				
NOV.	16.58				
DEC.	5·07				
TOTAL	99·45				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

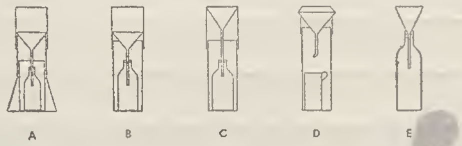
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{array}{r}17\\18\end{array}\left|\left.\begin{array}{c}\\\\\end{array}\right\}\cdot14\right|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3662

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

Mosedale

At (Mosedale Cottage)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1443 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.32				
FEB.	3.42				
MAR.	10.86				
APRIL	3.89				
MAY	2.65				
JUNE	1.55				
JULY	7.88				
AUG.	3.12				
SEPT.	7·16				
OCT.	11.60				
NOV.	13.48				
DEC.	10.10				
TOTAL	79·03				

Signature per Manchester W. W.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

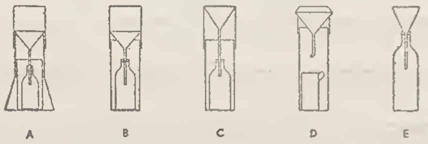
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3662/5
ARTLE CRAG
1937 —— 40

780704

3662/5

FORM 1090. **B**

** The following register of m
&c., is NOT required if da
values are given on the ot

...and also the space for
...s register should be sent :—

....

....

......in Summer......................

Direction from
................gauge............

Direction from
e.................gauge............

RAINFALL IN 1

At Artle Crag.....

In the County of Westm

Rain Gauge
Diameter of Funnel..........
Height of Top above Ground......
Height of Ground above Sea Level

Month	Total Depth	Greatest Fall in 24 hours			
	Inches	Inches	Date		
JAN.	12·68				
FEB.	11·50				
MAR.	4·18				
APRIL	7·00				
MAY	3·39				
JUNE	3·27				
JULY	6·72				
AUG.	5·00				
SEPT.	10·62				
OCT.	5·52				
NOV.	3·36				
DEC.	5·95	√			
TOTAL	79·19	√			

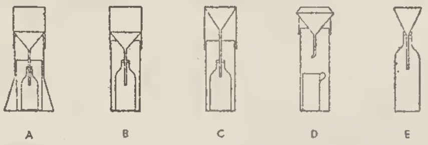
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature ....

Turf Wall.

* See Instruction 3 *(f)* below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

3663/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Artle Crag

In the County of Westmorland.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 2134 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	12·68				
FEB.	11·50				
MAR.	4·18				
APRIL	7·00				
MAY	3·39				
JUNE	3·27				
JULY	6·72				
AUG.	5·00				
SEPT.	10·62				
OCT.	5·52				
NOV.	3·36				
DEC.	5·95	✓			
TOTAL	79·19 ✓	✓			

Signature ....

Turf Wall.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

COPY BY R.R.O.

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.......................in Summer....................

Nearest Railway Station.............................. Distance.................. Direction from gauge............

Nearest Parish Church at.............................. Distance.................. Direction from gauge............

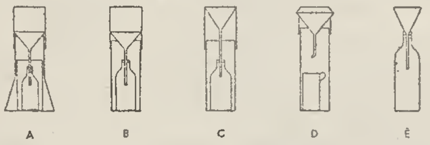
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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N

3662/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

Mardale

At (Artle Crag)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground ....ft............in.*
- *Height of Ground above Sea Level..................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	19·00				
FEB.	7·06				
MAR.	11·46				
APRIL	·23				
MAY	7·10				
JUNE	14·00				
JULY	11·75				
AUG.	7·13				
SEPT.	7·05				
OCT.	31·80				
NOV.	15·40				
DEC.	9·49				
TOTAL	141·47 ✓				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

Copy by B.R.O.

Hour of observation by the clock—in Winter........................in Summer......................

Nearest Railway Station.......................... Distance................ Direction from gauge...............

Nearest Parish Church at.......................... Distance................ Direction from gauge...............

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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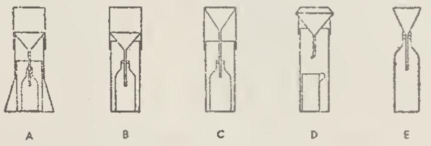

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....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3662/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Mardale (Artle Crag).

In the County of Westmorland.

Rain Gauge
- Diameter of Funnel......................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level.................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	17.82				
FEB.	16.98				
MAR.	8.39				
APRIL	4.68				
MAY	1.59				
JUNE	9.06				
JULY	16·16				
AUG.	5.51				
SEPT.	5.03				
OCT.	3.58				
NOV.	17.15				
DEC.	6.82				
TOTAL	112.77				

Signature Per Manchester W.W.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible.

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter........................in Summer..................

Nearest Railway Station.............................. Distance.................. Direction from gauge..............

Nearest Parish Church at.............................. Distance.................. Direction from gauge..............

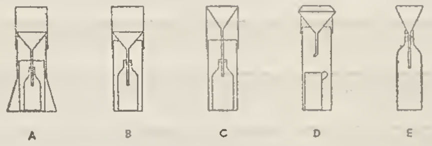
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3662/5.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At ~~Mar~~dale (Artle Crag)

In the County of Westmorland

Rain Gauge { Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 2134 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.66				
FEB.	3.77				
MAR.	12.32				
APRIL	3.58				
MAY	2.35				
JUNE	1.88				
JULY	9.05				
AUG.	4.06				
SEPT.	8.50				
OCT.	11.50				
NOV.	14.07				
DEC.	9.75				
TOTAL	84.49				

Signature per Manchester W.W.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

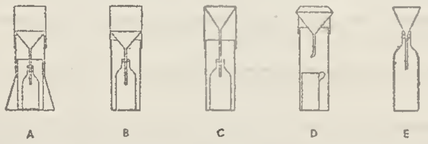
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3663

3663

WET SLEDDALE

1931—40

780704

FORM 1090. **B** Mo
Su

*** The following register of month
&c., is NOT required if daily c
values are given on the other s

and also the space for

gister should be sent:—

RAINFALL IN 1931

At Wet Sleddale M

In the County of Westmor

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 9

...in Summer

Direction from gauge

Direction from gauge

gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu D ·01 or m	
	Inches.	Inches.	Date.		
JAN.	4.91				
FEB.	5.39				
MAR.	1.48				
APRIL	3.64				
MAY	4.20				
JUNE	6.97				
JULY	5.80				
AUG.	5.27				
SEPT.	3.01				
OCT.	5.05				
NOV.	15.04				
DEC.	5.31				
Total	66.07				

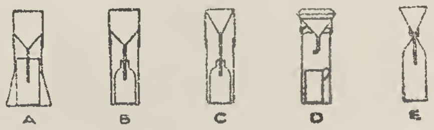
Signature

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3663

B Mo
Summary.

C Particulars of Station.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931....

At Wet Sleddale Mirethwaite

In the County of Westmorland.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* – *in.*
Height of Ground above Sea Level 990 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	4.91				
FEB.	5.39				
MAR.	1.48				
APRIL	3.64				
MAY	4.20				
JUNE	6.97				
JULY	5.80				
AUG.	5.27				
SEPT.	3.01				
OCT.	5.05				
NOV.	15.04				
DEC.	5.31				
Total	66.07				

Signature..........................

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.................in Summer..........

Nearest Railway Station.................. Distance.......... Direction from gauge ....

Nearest Parish Church at.................. Distance.......... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.................. Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

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(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

3663

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Haweswater

RAINFALL IN 1932

At Wet Sleddale Mirethwaite

In the County of Westmorland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* ...... *ft* ...... *in*.
- *Height of Ground above Sea Level* 990 *ft*.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more*	Number of Days with ·04 in. or more*
	Inches.	Inches.	Date.		
JAN.	12·04				
FEB.	·17				
MAR.	5·39				
APRIL	6·57				
MAY	5·12				
JUNE	3·52				
JULY	7·35				
AUG.	1·89				
SEPT.	6·54				
OCT.	10·92				
NOV.	5·49				
DEC.	10·11				
Total	75·11				

Signature Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

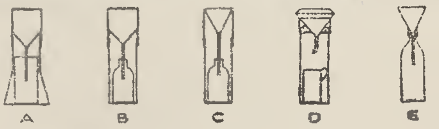
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3663

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Wet Sleddale Mirethwaite

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 990 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	8·05				
FEB.	6·16				
MAR.	5·23				
APRIL	2·32				
MAY	3·33				
JUNE	2·79				
JULY	5·44				
AUG.	2·95				
SEPT.	2·19				
OCT.	6·56				
NOV.	2·81				
DEC.	1·05				
Total	48·88				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

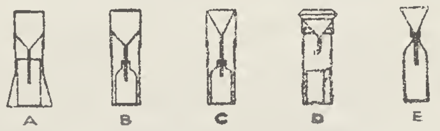
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3663

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At West Sleddale. Mirethwaite

In the County of Westmorland.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 990 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	12·82				
FEB.	·38				
MAR.	4·77				
APRIL	5·17				
MAY	5·14				
JUNE	3·00				
JULY	2·31				
AUG.	5·78				
SEPT.	8·33				
OCT.	11·76				
NOV.	1·17				
DEC.	13·60				
Total	74·23				

Signature ✓

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter........ in Summer........

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

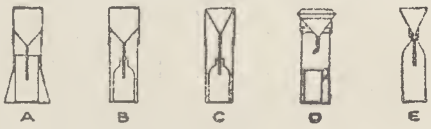
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3663

FORM 1090. **B** Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Wet Sleddale Mirekthwaite

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 995 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·62			17	10
FEB.	9·88			25	22
MAR.	2·63			13	12
APRIL	5·32			19	14
MAY	·64			4	3
JUNE	6·64			25	23
JULY	2·54			10	8
AUG.	4·15			13	9
SEPT.	12·43			22	19
OCT.	10·79			26	25
NOV.	8·24			26	23
DEC.	4·29			20	15
TOTAL	70·17			220	183

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

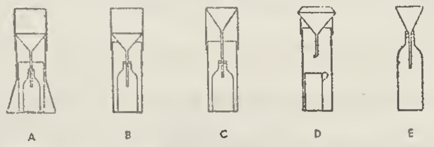
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{array}{c|c|} 17 & \multirow{2}{*}{\}\cdot 14} \\ 18 & \end{array}$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3663.

Form 1090. **B** Monthly Summary. **C** Particulars of Station,

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Wet Sleddale (Mireth'waite)

In the County of ~~Cheshire~~ Westmorland.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 990 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	11·05			25	21
Feb.	3·61			15	13
Mar.	4·31			21	16
April	1·76			15	12
May	1·44			10	5
June	4·40			18	13
July	7·69			26	19
Aug.	4·23			17	12
Sept.	7·14			18	14
Oct.	6·46			18	14
Nov.	7·27			18	17
Dec.	11·09			22	19
Total	70·45			223	175

Signature Manchester Corpn W.W.

*See Instruction 2 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

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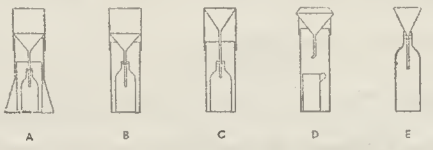

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
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(c) When was the measurement made?

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(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3663.

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Wet Sleddale (Mirethwaite)

In the County of Westmorland.

Rain Gauge { Diameter of Funnel.......................in.
Height of Top above Ground.........ft...............in.
Height of Ground above Sea Level.....................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·43			29	23
FEB.	7·75			25	22
MAR.	2·69			24	16
APRIL	4·59			19	16
MAY	3·26			19	16
JUNE	2·25			18	14
JULY	3·43			21	14
AUG.	3·14			14	8
SEPT.	6·10			24	13
OCT.	3·99			14	12
NOV.	2·16			8	8
DEC.	4·36	/		18	14
TOTAL	53·15 ✓	/		233 ✓	176 ✓

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter........................in Summer....................

Nearest Railway Station.................................. Distance.................. Direction from gauge..............

Nearest Parish Church at.................................. Distance.................. Direction from gauge..............

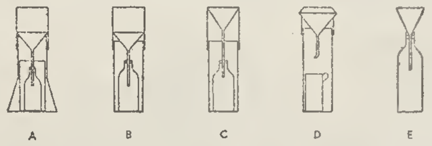
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................................. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3663

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Wet Sleddale (Mirethwaite)

In the County of Westmorland.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* *in.*
Height of Ground above Sea Level 995 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·98			25	20
FEB.	4·27			15	11
MAR.	5·03			18	11
APRIL	·71			6	2
MAY	5·54			17	15
JUNE	10·41			22	17
JULY	8·38			23	18
AUG.	4·06			20	14
SEPT.	3·16			19	13
OCT.	17·69			24	23
NOV.	14·25			26	23
DEC.	6·93			25	22
TOTAL	9141	✓		240	189

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

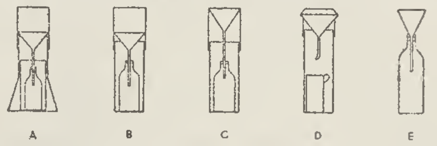
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3663

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Wet Sleddale (Mirethwaite)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 995 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11.82			21	21
FEB.	9.48			22	22
MAR.	5.68			22	17
APRIL	1.91			18	13
MAY	1.30			10	7
JUNE	5.44			15	12
JULY	10.81			25	23
AUG.	4.11			17	12
SEPT.	2.79			13	8
OCT.	3.58			18	13
NOV.	12.66			26	22
DEC.	4.34			13	9
TOTAL	73.92			220	179

Signature Per Manchester W.W.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer..................

Nearest Railway Station.................... Distance.............. Direction from gauge..............

Nearest Parish Church at.................... Distance.............. Direction from gauge..............

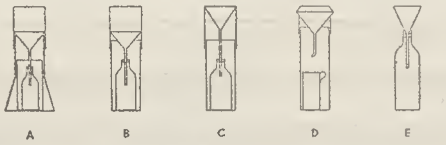
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3663.

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Wet Sledale (Mirethwaite)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 995 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.24			(11	9)
FEB.	2.30			(15	11)
MAR.	7.97			23	19
APRIL	3.07			17	14
MAY	2.68			14	11
JUNE	1.46			8	6
JULY	5.62			24	17
AUG.	2.14			15	9
SEPT.	5.58			18	13
OCT.	9.22			18	14
NOV.	10.28			29	24
DEC.	7.24			21	20
TOTAL	59.80			(213)	(167)

Signature Per Manchester W.W.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

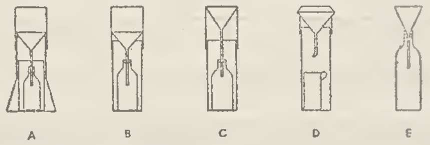
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3664

FORM 1090. **B** Mon
Sum

3664
BLEA WATER
1931 —— 36

780704

*** The following register of monthly
&c., is NOT required if daily or
values are given on the other sid

d also the space for

ter should be sent:—

RAINFALL IN 1931

At Blea Water

In the County of Westmorl

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level 1,L

n Summer
Direction from gauge
Direction from gauge

gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Days ·01 in or mor	
	Inches.	Inches.	Date.	*	
JAN.	6.07				
FEB.	6.75				
MAR.	1.70				
APRIL	5.54				
MAY	6.75				
JUNE	10.87				
JULY	9.34				
AUG.	7.05				
SEPT.	5.42				
OCT.	8.43				
NOV.	21.87				
DEC.	7.59				
Total	97.38				

Signature

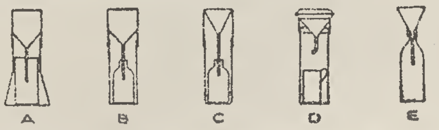
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Mon
Sum

3664

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Blea Water
In the County of Westmorland
Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* – *in.*
Height of Ground above Sea Level 1,465 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.07				
FEB.	6.75				
MAR.	1.70				
APRIL	5.54				
MAY	6.75				
JUNE	10.87				
JULY	9.34				
AUG.	7.05				
SEPT.	5.42				
OCT.	8.43				
NOV.	21.87				
DEC.	7.59				
Total	97·38				

Signature

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

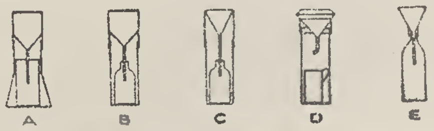
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3664

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Haweswater

RAINFALL IN 1932

At Blea Water

In the County of Westmorland

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in*
Height of Ground above Sea Level 1,465 *ft*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	22·27				
FEB.	·74				
MAR.	6·58				
APRIL	11·93				
MAY	8·34				
JUNE	3·81				
JULY	9·78				
AUG.	1·74				
SEPT.	8·35				
OCT.	18·14				
NOV.	9·23				
DEC.	18·81				
Total	119·72				

2227

Signature Manchester Corp t, W.W

97·45

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

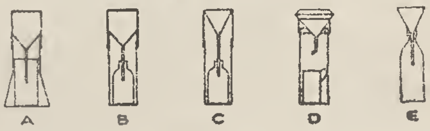
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

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(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3664

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At Blea Water

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1465 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	14.50				
FEB.	9.01				
MAR.	7.93				
APRIL	5.46				
MAY	4.17				
JUNE	4.49				
JULY	9.75				
AUG.	6.89				
SEPT.	3.58				
OCT.	8.37				
NOV.	4.80				
DEC.	1.64				
Total	80.59				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

3664

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Blea Water

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1465 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more*	Number of Days with ·04 in. or more*
	Inches	Inches	Date.		
JAN.	22.08				
FEB.	·79				
MAR.	8·34				
APRIL	7·36				
MAY	10·41				
JUNE	6·30				
JULY	2·73				
AUG.	10·07				
SEPT.	15·39				
OCT.	20.18				
NOV.	2,49				
DEC.	18·17				
Total	124·31				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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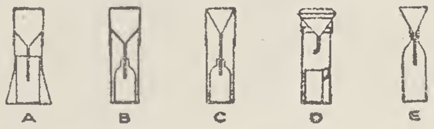

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet

D INSTRUCTIONS.

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3664

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Blea Water

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·47				
FEB.	15·94				
MAR.	4·04				
APRIL	8·00				
MAY	·99				
JUNE	9·81				
JULY	4·62				
AUG.	7·02				
SEPT.	19·24				
OCT.	16·47				
NOV.	11·69				
DEC.	6·11				
TOTAL	108·40				

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

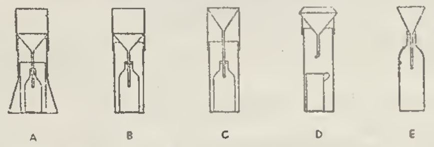
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3664.

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Blea Water

In the County of ~~Cheshire~~ Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1465 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	15·17				
FEB.	5·13				
MAR.	7·57				
APRIL	2·76				
MAY	2·37				
JUNE	7·46				
JULY	13·28				
AUG.	7·49				
SEPT.	11·99				
OCT.	9·11				
NOV.	11·98				
DEC.	18·39				
TOTAL	112·70				

Signature Manchester ~~Corp~~n. W. W.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter............in Summer............

Nearest Railway Station............ Distance............ Direction from gauge............

Nearest Parish Church at............ Distance............ Direction from gauge............

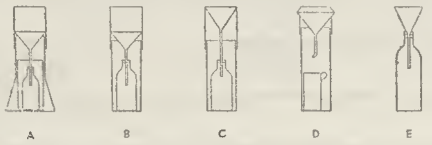
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

BLEA WATER "

FORM 1090. **B** Mo
Su

3664/1

BLEA WATER "B"

1932 — 40

78.704

3664/1

Westmorland/1

*** The following register of month
&c., is NOT required if daily
values are given on the other s

and also the space for

gister should be sent:—

Haweswater

RAINFALL IN 193

At Blea Water "B"

In the County of W~~estmorland~~

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 1

in Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		N D ·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	(22·70)				
FEB.	·93				
MAR.	6·75				
APRIL	12·13				
MAY	8·54				
JUNE	3·89				
JULY	9·97				
AUG.	1·81				
SEPT.	8·51				
OCT.	18·28				
NOV.	9·38				
DEC.	19·01				
Total	(121·90)				

Distances ..

Directions from gauge ..

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

I/sig erected on site selected by Mr [illegible].
120 ft SW of [illegible] + 40' [illegible]
Recommend [illegible] without turf wall

Signature Manchester Corpt, W.W.

Please approve estimation for Jan
+ mark print

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

N

BLEA WATER "

3664/1

Westmorland/1

FORM 1090.

B M Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

Haweswater

RAINFALL IN 1932

At Blea Water "B"

In the County of Westmorland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 1420 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more *	Number of Days with ·04 in. or more *
	Inches.	Inches.	Date.		
JAN.	(22.70)				
FEB.	·93				
MAR.	6.75				
APRIL	12.13				
MAY	8.54				
JUNE	3.89				
JULY	9.97				
AUG.	1.81				
SEPT.	8.51				
OCT.	18.28				
NOV.	9.38				
DEC.	19.01				
Total	(121.90)				

Signature Manchester Corpt, W.W.

121.1

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

I/29 erected on site selected by Mr [illegible].
120 ft SW of [illegible] & 40' [illegible]
Recommended [illegible] without [illegible]

Please approve estimation for Jan & mark print.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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N

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At ~~[illegible]~~, Blea Water B.

In the County of Westmorland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	14.66				
FEB.	9.26				
MAR.	8.29				
APRIL	5.88				
MAY	4.35				
JUNE	4.67				
JULY	10.15				
AUG.	7.56				
SEPT.	3.59				
OCT.	9.82				
NOV.	5.06				
DEC.	1.76				
Total	85.05				

Signature Manchester Corporation W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

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Nearest Railway Station........ Distance........ Direction from gauge........

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Nature of objects nearest to gauge				
Heights of objects				
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If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

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Copy by B.R.O.

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FORM 1090.

B Monthly Summary.

C Particulars of Station.

3664/1

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193......

At Blea Water. B.

In the County of Westmorland.

Rain Gauge {
Diameter of Funnel..................in.
Height of Top above Ground..........*ft*..........*in*.
Height of Ground above Sea Level..................*ft*.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	23·62				
FEB.	·98				
MAR.	8·74				
APRIL	7·87				
MAY	10·90				
JUNE	6·69				
JULY	2·98				
AUG.	10·35				
SEPT.	15·88				
OCT.	21·14				
NOV.	2·62				
DEC.	20·84				
Total	132·55 ✓				

Signature..................................

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter..................in Summer..........

Nearest Railway Station..................Distance..........Direction from gauge..........

Nearest Parish Church at..................Distance..........Direction from gauge..........

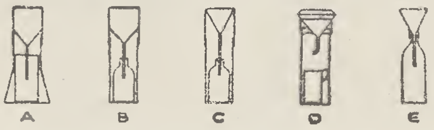
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move..................Distance..................Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Shee

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3664/1

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Blea Water "B"

In the County of Westmorland.

Rain Gauge
Diameter of Funnel..........................in.
Height of Top above Ground.........ft.............in.
Height of Ground above Sea Level..................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·58				
FEB.	16·28				
MAR.	4·19				
APRIL	8·00				
MAY	1·18				
JUNE	10·69				
JULY	4·93				
AUG.	7·45				
SEPT.	20·44				
OCT.	17·99				
NOV.	13·42				
DEC.	6·53				
TOTAL	116·68				

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.........................in Summer...................

Nearest Railway Station.................................. Distance.................. Direction from gauge.............

Nearest Parish Church at.................................. Distance.................. Direction from gauge.............

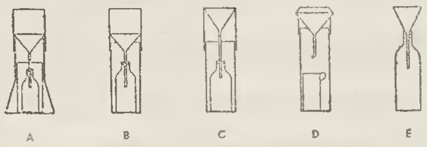
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction...........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3664/1.

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193.6

At Blea Water B.

In the County of ~~Cheshire~~ Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1420. *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	16·06				
FEB.	5·44				
MAR.	7·36				
APRIL	2·99				
MAY	2·55				
JUNE	7·05				
JULY	13·79				
AUG.	7·94				
SEPT.	12·52				
OCT.	16·06				
NOV.	12·02				
DEC.	20·66				
TOTAL	124·44 ✓				

Signature Manchester Corpn W. W.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter........................in Summer..................

Nearest Railway Station.................... Distance.................. Direction from gauge..................

Nearest Parish Church at.................... Distance.................. Direction from gauge..................

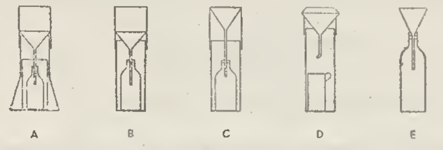
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | } ·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3664/1

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Blea Water B.

In the County of Westmorland

Rain Gauge
- Diameter of Funnel........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level.................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	17·92				
FEB.	15·41				
MAR.	4·49				
APRIL	7·68				
MAY	3·56				
JUNE	7·76				
JULY	6·98				
AUG.	5·35				
SEPT.	11·32				
OCT.	5·71				
NOV.	3·61				
DEC.	6·93	✓			
TOTAL	96·72 ✓	✓			

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter........................in Summer........................

Nearest Railway Station.............................. Distance.............. Direction from gauge..............

Nearest Parish Church at.............................. Distance.............. Direction from gauge..............

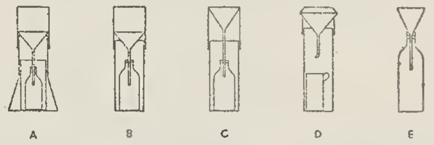
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3664/1

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Blea Water B.

In the County of Westmorland.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 1420 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	23·54				
FEB.	6·98				
MAR.	13·89				
APRIL	1·28				
MAY	8·81				
JUNE	18·15				
JULY	17·16				
AUG.	8·40				
SEPT.	7·75				
OCT.	34·89				
NOV.	23·15				
DEC.	11·37				
TOTAL	175·37 ✓				

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

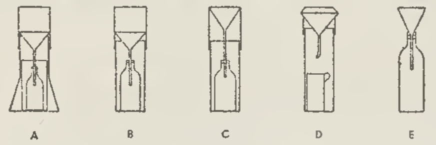
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3664/1

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Blea Water B.

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1420 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	19.49				
FEB.	19.11				
MAR.	9.82				
APRIL	5.12				
MAY	1.67				
JUNE	10.35				
JULY	17.41				
AUG.	5.53				
SEPT.	4.84				
OCT.	4.57				
NOV.	23.91				
DEC.	6.78				
TOTAL	128.60				

Signature Per Manchester W.W.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

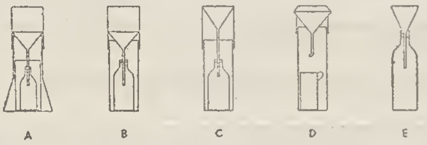
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Blea Water B.

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1420 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.02				
FEB.	4.18				
MAR.	13.44				
APRIL	4.45				
MAY	2.21				
JUNE	1.28				
JULY	9.04				
AUG.	4.41				
SEPT.	9.11				
OCT.	14.67				
NOV.	14.48				
DEC.	11.46				
TOTAL	92.75 ✓				

Signature Per Manchester W.W.

* See Instruction 3 *(f)* below.

C Particulars of Station.

3664/1

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

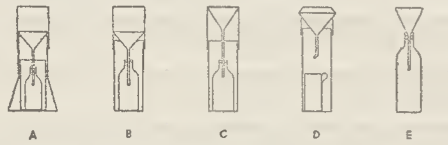
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3664/6

3664/6

HIGH WEATHER HOWE

1937 — 40

780704

FORM 1090.

B

, The following register of m
&c., is NOT required if da
values are given on the ot

RAINFALL IN 1

At High Weather

In the County of ......West

Rain Gauge
Diameter of Funnel..........
Height of Top above Ground......
Height of Ground above Sea Level.

and also the space for

R.O.

register should be sent:—

....

....

....in Summer.....................

Direction from
.. ..gauge............

Direction from
e.................gauge...........

Month	Total Depth	Greatest Fall in 24 hours			
	Inches	Inches	Date		
JAN.	11·94				
FEB.	11·56				
MAR.	3·55				
APRIL	6·30				
MAY	4·08				
JUNE	3·47				
JULY	4·78				
AUG.	4·04				
SEPT.	7·89				
OCT.	5·04				
NOV.	2·54				
DEC.	6·55				
TOTAL	71·74 ✓				

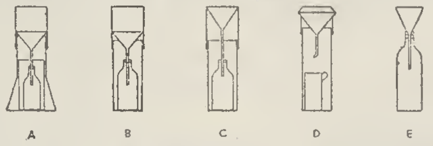
gauge ...

If gauge has been moved during the year state—

Date of move... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature ....

Turf Wall.

* See Instruction 3 *(f)* below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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N

3664/6

FORM 1090.

B Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At High Weather Howe

In the County of Westmorland

Rain Gauge { Diameter of Funnel 5" in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1620 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11·94				
FEB.	11·56				
MAR.	3·55				
APRIL	6·30				
MAY	4·08				
JUNE	3·47				
JULY	4·78				
AUG.	4·04				
SEPT.	7·89				
OCT.	5·04				
NOV.	2·54				
DEC.	6·55	✓			
TOTAL	71·74	✓			

Signature ....

* See Instruction 3 *(f)* below.

Turf Wall.

C Particulars of Station.

COPY BY P.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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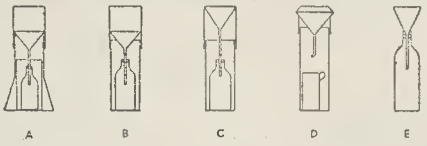

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

3664/6

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193*8*.

Seddale

At (High Weather Howe)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level..................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	13·51				
FEB.	5·08				
MAR.	6·95				
APRIL	·68				
MAY	6·52				
JUNE	12·52	X			
JULY	12·00				
AUG.	5·59				
SEPT.	4·62				
OCT.	22·20				
NOV.	17·38				
DEC.	8·84				
TOTAL	115·89	✓			

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Copy by B.R.O.

Hour of observation by the clock—in Winter.............................in Summer.....................

Nearest Railway Station.. Distance.................. Direction from gauge..................

Nearest Parish Church at.. Distance.................. Direction from gauge..................

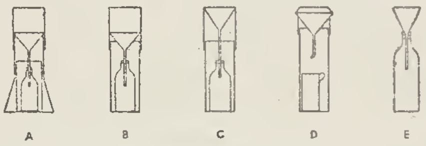
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance............... Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3664/6

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193...9

At Sleddale (High Weather Howe)

In the County of Westmorland.

Rain Gauge
- Diameter of Funnel........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level..................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	14·65				
FEB.	13·66				
MAR.	7·31				
APRIL	3·16				
MAY	1·19				
JUNE	7·18				
JULY	13·07				
AUG.	3·76				
SEPT.	3·39				
OCT.	4·23				
NOV.	15·61				
DEC.	4·74				
TOTAL	91·85				

Signature Manchester W. Wks.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer...................

Nearest Railway Station.............................. Distance.................Direction from gauge............

Nearest Parish Church at.............................. Distance.................Direction from gauge............

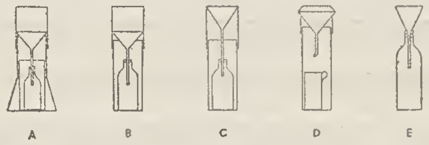
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as* ·01 *even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

C Particulars of Station.

3664/6

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193 40

At Sleddale (High Weather Howe)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1620 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.24				
FEB.	2.30				
MAR.	7.97			23	19
APRIL	3.07			17	14
MAY	2.68			14	11
JUNE	1.46			8	6
JULY	6.71				
AUG.	2.51				
SEPT.	6.37				
OCT.	11.84				
NOV.	12.17				
DEC.	9.31				
TOTAL	68.63 ✓				

Signature Manchester W. Wks

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

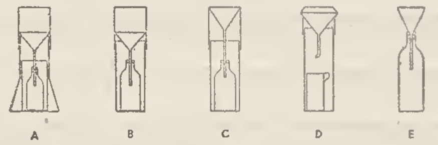
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3665

3665

GROVE BRAE

1931 —— 35

780704

FORM 1090. **B** Mo Sur

*** The following register of monthl &c., is NOT required if daily o values are given on the other si

nd also the space for

ster should be sent:—

in Summer

Direction from gauge

Direction from gauge

RAINFALL IN 1931

At Mardale Grove

In the County of Westmor

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 8

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu Da ·01 i or m
	Inches.	Inches.	Date.	*
JAN.	6.78			
FEB.	6.29			
MAR.	1.74			
APRIL	4.63			
MAY	6.00			
JUNE	8.38			
JULY	7.81			
AUG.	6.68			
SEPT.	3.74			
OCT.	6.81			
NOV.	19.93			
DEC.	6.67			
Total	85.46			

Signature

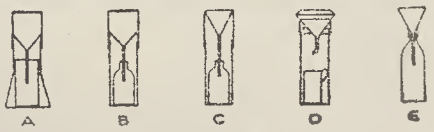
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Mo
Summary.

Particulars of Station.

3665

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Mardale Grove Brae

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 802 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.78				
FEB.	6.29				
MAR.	1.74				
APRIL	4.63				
MAY	6.00				
JUNE	8.38				
JULY	7.81				
AUG.	6.68				
SEPT.	3.74				
OCT.	6.81				
NOV.	19.93				
DEC.	6.67				
Total	85.46				

Signature

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

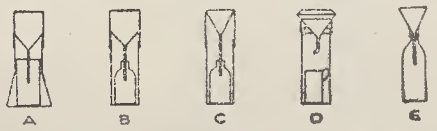
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3665

FORM 1090. **B** Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Haweswater

RAINFALL IN 1932

At Mardale Grove Brae

In the County of Westmorland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* — *ft.* — *in.*
- *Height of Ground above Sea Level* 802 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	15·67				
FEB.	·11				
MAR.	7·42				
APRIL	9·37				
MAY	5·95				
JUNE	4·31				
JULY	8·45				
AUG.	1·52				
SEPT.	7·87				
OCT.	13·17				
NOV.	7·04				
DEC.	13·55				
Total	94·43				

Signature Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3665

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At Mardale, Grove Brae

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 802 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	10·41				
FEB.	6·50				
MAR.	7·10				
APRIL	3·56				
MAY	3·83				
JUNE	3·62				
JULY	6·24				
AUG.	3·81				
SEPT.	2·96				
OCT.	7·25				
NOV.	4·24				
DEC.	1·29				
Total	60·81				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

D

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Mardale (Grove Brae)

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 802 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	13·64				
FEB.	·66				
MAR.	6·58				
APRIL	6·63				
MAY	8·32				
JUNE	3·93				
JULY	1·96				
AUG.	7·36				
SEPT.	10·76				
OCT.	13·22				
NOV.	1·49				
DEC.	16·79				
Total	91·37				

✓

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

3665

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

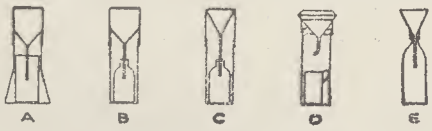
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

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(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3665

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Mandale Grove Brae

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* 2 *in.*
- *Height of Ground above Sea Level* ..... *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·33			10	10
FEB.	14·30			23	23
MAR.	3·42			13	12
APRIL	7·04			18	16
MAY	·87			4	3
JUNE	7·85			24	22
JULY	2·89			11	7
AUG.	4·93			10	8
SEPT.	15·42			21	21
OCT.	13·47			25	24
NOV.	10·48			27	25
DEC.	5·39			17	15
TOTAL	89·39			203	185

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

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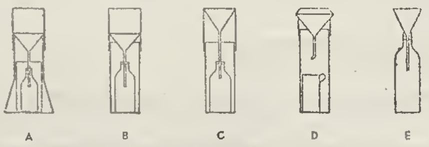
If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3665/5

FORM 1090. **B**

. The following register of
&c., is NOT required if
values are given on the

RAINFALL IN

At ..... Riggindal
In the County of Westm

Rain Gauge
- Diameter of Funnel.........
- *Height of Top above Ground....*
- *Height of Ground above Sea Lev*

3665/5
RIGGINDALE
1937 —— 40

780704

B.R.O.

on and also the space for
his register should be sent :—
....
....
.......in Summer....................
Direction from
e....................gauge............
Direction from
nce....................gauge............

Month	Total Depth	Greatest Fall in 24 hours		Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	16·96				
FEB.	13·65				
MAR.	5·27				
APRIL	6·89				
MAY	3·84				
JUNE	5·56				
JULY	4·46				
AUG.	4·53				
SEPT.	11·02				
OCT.	5·89				
NOV.	2·98				
DEC.	6·18	✓			
TOTAL	87·23 ✓	✓			

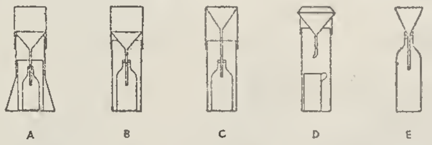
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature ....

Turf Wall.

* See Instruction 3 *(f)* below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

3665/5

FORM 1090.

B Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Riggindale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 892 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	16·96				
FEB.	13·65				
MAR.	5·27				
APRIL	6·89				
MAY	3·84				
JUNE	5·56				
JULY	4·46				
AUG.	4·53				
SEPT.	11·02				
OCT.	5·89				
NOV.	2·98				
DEC.	6·18 ✓				
TOTAL	87·23 ✓	✓			

Signature ....

Turf Wall.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.................in Summer..................

Nearest Railway Station.......................... Distance.............. Direction from gauge..............

Nearest Parish Church at.......................... Distance.............. Direction from gauge..............

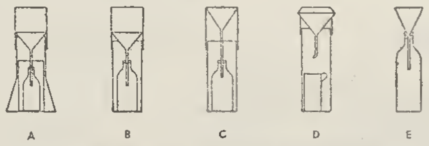
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
 (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
 (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 ; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

3665/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193 8

Mardale

At (Riggindale)

In the County of Westmorland

Rain Gauge { Diameter of Funnel..........in.
Height of Top above Ground.......ft.........in.
Height of Ground above Sea Level..........ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	20·72				
FEB.	8·31				
MAR.	12·59				
APRIL	1·22				
MAY	7·68				
JUNE	15·91	X			
JULY	15·29				
AUG.	7·32				
SEPT.	6·32				
OCT.	29·74				
NOV.	22·90				
DEC.	9·36				
TOTAL	6 157·36 ✓				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Copy by D.K.C

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

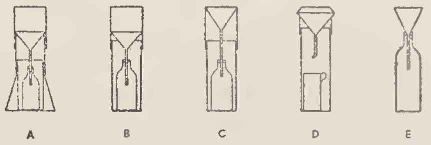
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3665/5

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Mardale (Riggindale)

In the County of Westmorland

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground.......ft.........in.
Height of Ground above Sea Level..........ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	21.30				
FEB.	17.19				
MAR.	9.79				
APRIL	4.84				
MAY	1.58				
JUNE	9.01				
JULY	15.81				
AUG.	4.88				
SEPT.	4.07				
OCT.	4.57				
NOV.	20.13				
DEC.	6.38				
TOTAL	119.55				

Signature Per Manchester W.W.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

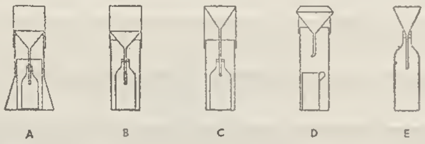
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

3665/5.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Mardale (Riggindale)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 892 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·00				
FEB.	4·15				
MAR.	14·83				
APRIL	3·96				
MAY	2·02				
JUNE	1·15				
JULY	7·94				
AUG.	3·75				
SEPT.	8·38				
OCT.	14·90				
NOV.	15·78				
DEC.	13·48				
TOTAL	94·34 ✓				

Signature per Manchester W. W.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

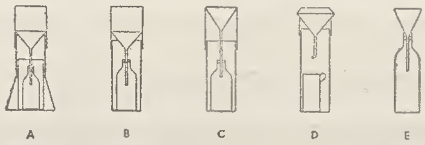
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9999

3666

3666

BIRKBECK FELL

1931 — 40

780704

FORM 1090. **B** M
S

*** The following register of mont
&c., is NOT required if daily
values are given on the other s

and also the space for

gister should be sent:—

RAINFALL IN 1931

At Birkbeck Fell

In the County of Westmo

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level C

in Summer

Direction from gauge

Direction from gauge

Distances ..

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu De ·01 or more	or more
	Inches.	Inches.	Date.	*	*
JAN.	3.89				
FEB.	4.20				
MAR.	1.07				
APRIL	2.71				
MAY	3.86				
JUNE	5.75				
JULY	5.50				
AUG.	4.52				
SEPT.	2.33				
OCT.	3.92				
NOV.	11.99				
DEC.	3.53				
Total	53.27				

Signature

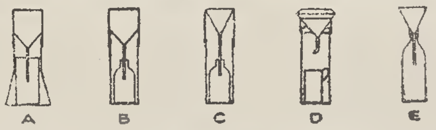
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Mo Summary.

3666

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Birkbeck Fell

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* – *in.*
Height of Ground above Sea Level 935 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3.89				
FEB.	4.20				
MAR.	1.07				
APRIL	2.71				
MAY	3.86				
JUNE	5.75				
JULY	5.50				
AUG.	4.52				
SEPT.	2.33				
OCT.	3.92				
NOV.	11.99				
DEC.	3.53				
Total	53.27				

Signature..........

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

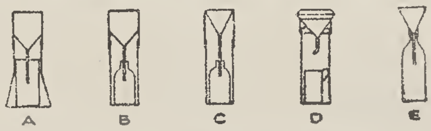
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | }·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3666

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

Haweswater

RAINFALL IN 1932

At Birkbeck Fell

In the County of Westmorland

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level 935 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	9.38				
FEB.	.09				
MAR.	4.94				
APRIL	5.49				
MAY	4.78				
JUNE	2.92				
JULY	7.01				
AUG.	1.36				
SEPT.	5.65				
OCT.	9.92				
NOV.	5.02				
DEC.	11.00				
Total	67.56				

Signature Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3666

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Shap, Birkbeck Fell

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 935 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	8·01				
FEB.	5·51				
MAR.	4·25				
APRIL	1·73				
MAY	3·29				
JUNE	2·50				
JULY	4·62				
AUG.	2·14				
SEPT.	2·05				
OCT.	6·19				
NOV.	2·12				
DEC.	·80				
Total	43·21				

Signature Manchester Corpn. W.W.

Copy by R.P.O.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

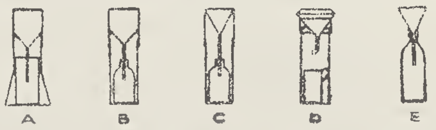
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

FORM 1090. **B** Monthly Summary.

C Particulars of Station. 3666

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Birkbeck Fell

In the County of Westmorland

Rain Gauge { Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft* 0 *in.*

Height of Ground above Sea Level 935 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	10·92				
FEB.	·25				
MAR.	3·59				
APRIL	4·45				
MAY	4·88				
JUNE	2·33				
JULY	1·76				
AUG.	4·79				
SEPT.	7·58				
OCT.	9·77				
NOV.	·83				
DEC.	10·59				
Total	61·74 ✓				

Signature..........

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

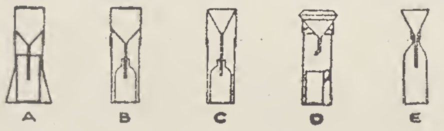
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn Sheet

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3666

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Binbeck Fell

In the County of Westmorland.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 935 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·07				
FEB.	9·17				
MAR.	2·08				
APRIL	4·47				
MAY	·53				
JUNE	5·41				
JULY	1·57				
AUG.	3·25				
SEPT.	10·46				
OCT.	8·60				
NOV.	6·79				
DEC.	3·29				
TOTAL	57·69				

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter........ in Summer........

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

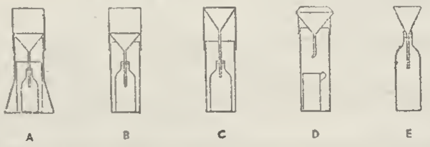
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3666

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Shap (Birkbeck Fell)

In the County of ~~Cheshire~~ Westmorland

Rain Gauge:
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 935 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·69				
FEB.	2·72				
MAR.	3·32				
APRIL	1·15				
MAY	1·21				
JUNE	3·66				
JULY	6·62				
AUG.	2·87				
SEPT.	7·48				
OCT.	5·46				
NOV.	5·84				
DEC.	10·79				
TOTAL	59·81				

Signature Manchester Corpn W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter.......................in Summer...................

Nearest Railway Station.............................. Distance.................. Direction from gauge.............

Nearest Parish Church at............................ Distance.................. Direction from gauge.............

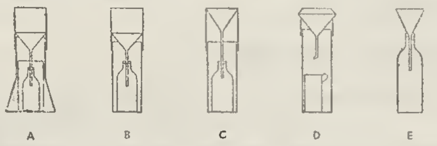
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move...................................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3666

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At *Birkbeck Fell*

In the County of *Westmorland*

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level..................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
	Inches	Inches	Date	·01 in. or more *	·04 in. or more *
JAN.	6·48				
FEB.	6·56				
MAR.	1·81				
APRIL	3·36				
MAY	2·90				
JUNE	1·96				
JULY	2·44				
AUG.	2·58				
SEPT.	4·85				
OCT.	3·08				
NOV.	1·55				
DEC.	3·83	✓			
TOTAL	47·40	✓			

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by R R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer....................

Nearest Railway Station.................................. Distance.................. Direction from gauge...........

Nearest Parish Church at.................................. Distance.................. Direction from gauge...........

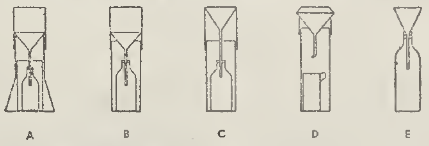
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3666

FORM 1090. **B** Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Birkbeck Fell

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 935 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·75				
FEB.	3·05				
MAR.	4·26				
APRIL	·46				
MAY	4·64				
JUNE	8·19				
JULY	7·11				
AUG.	3·13				
SEPT.	2·52				
OCT.	14·85				
NOV.	10·64				
DEC.	6·24				
TOTAL	74·84				

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

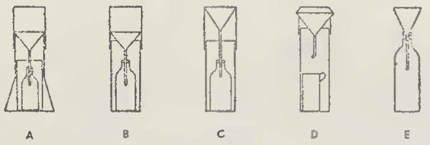
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3666

Form 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193...9

At Birkbeck Fell

In the County of Westmorland

Rain Gauge
Diameter of Funnel......5......in.
Height of Top above Ground......1......*ft.*......0......*in.*
Height of Ground above Sea Level......935......*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10.01				
FEB.	8.04				
MAR.	4.28				
APRIL	1.57				
MAY	.94				
JUNE	4.67				
JULY	8.45				
AUG.	3.45				
SEPT.	2.12				
OCT.	2.51				
NOV.	10.49				
DEC.	3.27				
TOTAL	59.80				

Signature Per Manchester W.W.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter..........in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

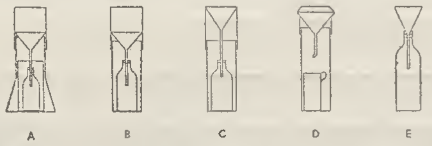
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3666

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

Shap

At (Birkbeck Fell)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 935 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	1·85				
FEB.	1·91				
MAR.	6·27				
APRIL	2·30				
MAY	1·69				
JUNE	·96				
JULY	4·66				
AUG.	1·45				
SEPT.	4·51				
OCT.	7·79				
NOV.	7·91				
DEC.	5·28				
TOTAL	46·58	J			

Signature per Manchester W.W.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

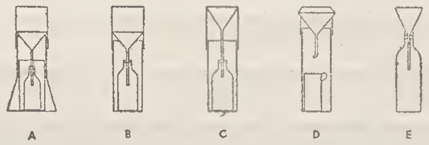
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3667

FORM 1090. **B** Mont
Sum

3667

SWINDALE PARSONAGE

1931 —— 40

780704

*** The following register of monthly
&c., is NOT required if daily or
values are given on the other side

1 also the space for

ter should be sent:—

RAINFALL IN 1931

At Parsonage Swind

In the County of Westmorl

Rain Gauge Diameter of Funnel 5

Height of Top above Ground 1 *ft.*

Height of Ground above Sea Level 8

Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Day ·01 in or more	or more
	Inches.	Inches.	Date.	*	*
JAN.	5·53				
FEB.	5·95				
MAR.	1·51				
APRIL	3·69				
MAY	5·45				
JUNE	7·13				
JULY	6·60				
AUG.	5·55				
SEPT.	3·34				
OCT.	5·56				
NOV.	16·87				
DEC.	5·79				
Total	72·97				

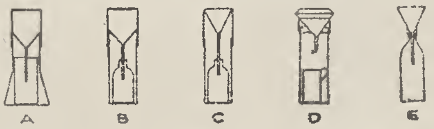
Directions from gauge ..

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature............

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3667

FORM 1090. **B** Mon
Sum

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Parsonage Swindale
In the County of Westmoreland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* - *in.*
Height of Ground above Sea Level 875 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5·53				
FEB.	5·95				
MAR.	1.51				
APRIL	3.69				
MAY	5.45				
JUNE	7.13				
JULY	6.60				
AUG.	5.55				
SEPT.	3.34				
OCT.	5·56				
NOV.	16.87				
DEC.	5.79				
Total	72.97				

Signature..........

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge ....

Nearest Parish Church at.......... Distance.......... Direction from gauge ....

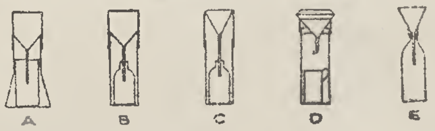
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Monthly Summary.

3667

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Hawes water

RAINFALL IN 1932

At Parsonage Swindale

In the County of Westmorland

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... ft .... in.
Height of Ground above Sea Level 875 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	15·81				
FEB.	·19				
MAR.	5·84				
APRIL	7·83				
MAY	5·08				
JUNE	3·77				
JULY	8·08				
AUG.	1·67				
SEPT.	7·01				
OCT.	12·16				
NOV.	6·70				
DEC.	15·11				
Total	89·25				

Signature Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

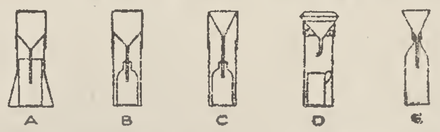
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | } ·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3667

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Swindale Parsonage

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 875 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	11·24				
FEB.	6·15				
MAR.	6·64				
APRIL	3·71				
MAY	3·27				
JUNE	2·89				
JULY	5·09				
AUG.	2·91				
SEPT.	2·52				
OCT.	6·24				
NOV.	3·43				
DEC.	1·04				
Total	55·13				

Signature Manchester Corpn. W.W.

Copy by B.R.O.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

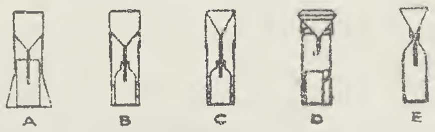
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

C Particulars of Station.

3667

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Swindale Parsonage

In the County of Westmorland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 845 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	13·56				
FEB.	·49				
MAR.	5·22				
APRIL	5·86				
MAY	6·58				
JUNE	3·12				
JULY	2·11				
AUG.	6·05				
SEPT.	9·49				
OCT.	12·64				
NOV.	1·32				
DEC.	14·56				
Total	80·90				

✓

Signature

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

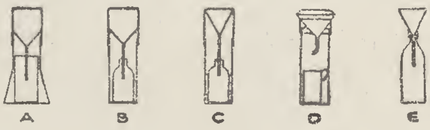
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3667

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Parsonage Swindale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* ...... *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·89				
FEB.	12·57				
MAR.	2·64				
APRIL	5·81				
MAY	·75				
JUNE	7·11				
JULY	2·55				
AUG.	4·13				
SEPT.	13·07				
OCT.	12·01				
NOV.	9·31				
DEC.	4·39				
TOTAL	77·23				

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station...................... Distance.............. Direction from gauge...........

Nearest Parish Church at...................... Distance.............. Direction from gauge...........

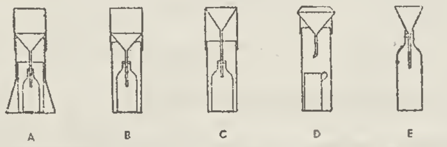
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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3. The columns are so spaced that the entries can be made by a typewriter.

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3667.

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Parsonage Swindale

In the County of ~~Cheshire~~ ~~Westmorland~~

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 875 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11·85				
FEB.	4·23				
MAR.	4·33				
APRIL	1·68				
MAY	1·76				
JUNE	4·56				
JULY	8·48				
AUG.	3·17				
SEPT.	7·65				
OCT.	6·66				
NOV.	8·28				
DEC.	13·42				
TOTAL	76·07				

Signature Manchester Corpn. W. W.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

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Height of objects				
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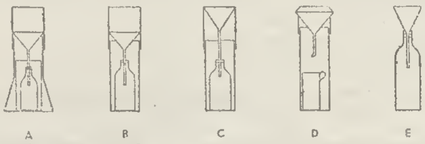

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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

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(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3667.

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Parsonage Swindale

In the County of Westmorland

Rain Gauge
Diameter of Funnel.............................in.
Height of Top above Ground.........ft..............in.
Height of Ground above Sea Level.................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·36				
FEB.	8·87				
MAR.	2·88				
APRIL	4·52				
MAY	3·45				
JUNE	2·41				
JULY	3·20				
AUG.	2·99				
SEPT.	6·12				
OCT.	4·83				
NOV.	2·13				
DEC.	5·16				
TOTAL	56·92 ✓	✓			

Signature ....

*See Instruction 3 (*f*) below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.......................in Summer......................

Nearest Railway Station.............................. Distance.............. Direction from gauge..............

Nearest Parish Church at.............................. Distance.............. Direction from gauge..............

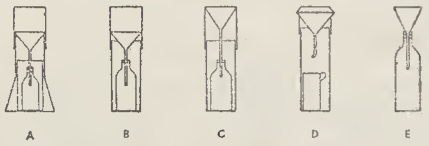
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 : this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3667

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193.8

At Parsonage Swindale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel......5......in.
- *Height of Top above Ground....1....ft.........in.*
- *Height of Ground above Sea Level....875....ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11.32				
FEB.	4.03				
MAR.	5.61				
APRIL	.62				
MAY	5.68				
JUNE	11.64	X			
JULY	9.52				
AUG.	4.46				
SEPT.	3.21				
OCT.	17.97				
NOV.	15.67				
DEC.	7.60				
TOTAL	97.33	✓			

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter..........................in Summer....................

Nearest Railway Station.................................. Distance.............. Direction from gauge..............

Nearest Parish Church at................................ Distance.............. Direction from gauge..............

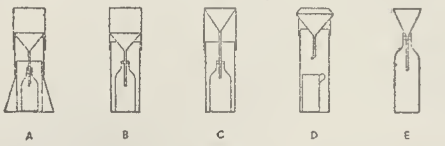
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3667.

FORM 1090. **B** Monthly Summary.

Copy by B.R.O.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Parsonage Swindale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 845 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	13.05				
FEB.	11.06				
MAR.	6.31				
APRIL	2.36				
MAY	1.18				
JUNE	5.99				
JULY	10.96				
AUG.	3.98				
SEPT.	2.54				
OCT.	3.88				
NOV.	14.39				
DEC.	4.23				
TOTAL	79.93				

Signature Per Manchester W.W.

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.............in Summer.............

Nearest Railway Station............. Distance............. Direction from gauge.............

Nearest Parish Church at............. Distance............. Direction from gauge.............

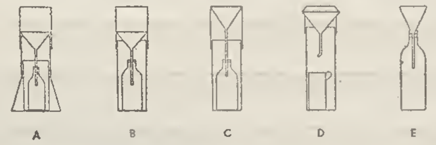
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move............. Distance............. Direction.............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

C Particulars of Station.

3667.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Parsonage Swindale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 875 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.53				
FEB.	2.61				
MAR.	8.13				
APRIL	3.24				
MAY	2.35				
JUNE	1.03				
JULY	6.33				
AUG.	2.01				
SEPT.	6.03				
OCT.	11.13				
NOV.	10.79				
DEC.	6.78				
TOTAL	62.96				

Signature per Manchester W. W.

*See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

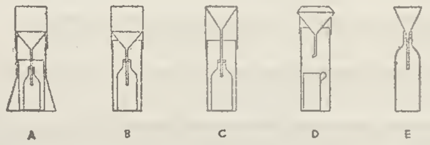
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3668

3668

SWINDALE HEAD

1931

7807·4

FORM 1090. **B** Mo
Su

⁎ **The following register of month**
&c., is NOT required if daily
values are given on the other si

nd also the space for

rister should be sent:—

RAINFALL IN 1931

At Swindale Head

In the County of Westmor

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level L

..in Summer
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu Da ·01 or m	
	Inches.	Inches.	Date.	*	*
JAN.	5.57				
FEB.	5.57				
MAR.	1.53				
APRIL	3.39				
MAY	4.57				
JUNE	6.88				
JULY	6.36				
AUG.	5.32				
SEPT.	3.16				
OCT.	5.06				
NOV.	15.52				
DEC.	5.40				
Total	68.33				

Signature

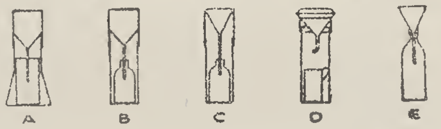
Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

3668

B Mo Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Swindale Head.

In the County of Westmorland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* – *in.*

Height of Ground above Sea Level 1,025 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5.57				
FEB.	5.57				
MAR.	1.53				
APRIL	3.39				
MAY	4.57				
JUNE	6.88				
JULY	6.36				
AUG.	5.32				
SEPT.	3.16				
OCT.	5.06				
NOV.	15.52				
DEC.	5.40				
Total	68.33				
	Inches.				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ... in Summer ...

Nearest Railway Station ... Distance ... Direction from gauge ...

Nearest Parish Church at ... Distance ... Direction from gauge ...

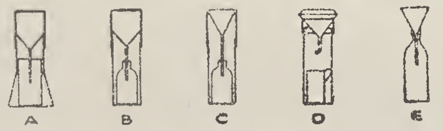
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ... Distance ... Direction ...

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3669.

Section **A** for the entry

AIR MINIS

COPY FOR OFFICIAL USE.

ALL ORGANIZATION.

FORM 1090.

REG

31.

3669

GRIZEDALE

1931 —— 36

780704

Kept at Grizedale, K

in the County of W

do of-

Diameter of Funnel of Gauge

Height of top of Gauge above G

,, Ground ,, S

infall,

iss Marshall's List.

THE MORNING ME

AY.

An observer who does not confor

year in the space on the right

e following

Jan. 1, following

Date	Jan.	Feb.	Mar							t.	Nov.	Dec.	*Date*
	in.	in.	in								in.	in.	
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
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28													28
29													29
30		X											30
31		X		X		X			X		X		31
TOTAL	9·38	9·50	2·43	5·14	7·32	11·15	11·75	7·63	5·98	9·40	27·60	8·39	YEAR'S TOTAL 115·67
*Days with ·01 in. or more.													–
*Days with ·04 in. or more.													–

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)..............................

[P.T.O.

3669.

Section **A** for the entr

COPY FOR OFFICIAL USE.

AIR MINIS ROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193/ .

Kept at Grizedale, Ruthwaite Lodge

in the County of Westmorland

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

Copied from records of -
Lake District Rainfall,
Miss Marshall's Lot.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2													2
3													3
4													4
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27													27
28													28
29													29
30		×											30
31		×		×		×			×		×		31
TOTAL	9·38	9·50	2·43	5·14	7·32	11·15	11·75	7·63	5·98	9·40	27·60	8·39	YEAR'S TOTAL 115·67
*Days with ·01 in. or more.													–
*Days with ·04 in. or more.													–

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)..........

[P.T.O.

3669

Form 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Grisedale Ruthwaite Lodge

In the County of Westmorland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft* .... *in.*
- *Height of Ground above Sea Level* .... *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	27·33				
FEB.	·02				
MAR.	7·73				
APRIL	9·50				
MAY	6·67				
JUNE	5·20				
JULY	11·00				
AUG.	2·07				
SEPT.	8·45				
OCT.	16·44				
NOV.	8·55				
DEC.	22·35				
Total	125·31				

Signature per Miss Marshall

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter............in Summer............

Nearest Railway Station............ Distance............ Direction from gauge............

Nearest Parish Church at............ Distance............ Direction from gauge............

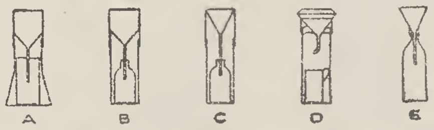
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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M

3669

FORM 1090. **B** Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933.

At Grisedale, Ruthwaite Lodge

In the County of Westmorland

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... ft .... in.
Height of Ground above Sea Level .... ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	15·43				
FEB.	8·00				
MAR.	7·29				
APRIL	2·90				
MAY	3·15				
JUNE	(3·60) ~~1·60~~				
JULY	8·75				
AUG.	6·22				
SEPT.	1·88				
OCT.	7·98				
NOV.	4·21				
DEC.	·86				
Total	(70·27) ~~68·27~~				

Signature M Marshall Esq.
Per Miss C. Marshall.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

906 sent 28/6/34 suggesting 3·60" for June. Observer agrees 2/7/34
June adjusted by surrounding stations. Gauge probably tampered with.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

3669

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934.

At Ruthwaite Grisedale

In the County of Westmoreland

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 1 *ft* *in.*
Height of Ground above Sea Level 1760 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
15·50 JAN.	(15·60) Gauge leaking				
FEB.	·77				
MAR.	6·85				
APRIL	6·93				
MAY	6·90				
JUNE	3·52				
JULY	2·71				
AUG.	11·77				
SEPT.	17·83				
OCT.	17·56				
NOV.	2·70				
DEC.	21·37				
Total	114·41				

Signature

M

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. Garthwaite
The Gardens Patterdale Hall Penrith

Hour of observation by the clock—in Winter 9 am in Summer 10 am

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Patterdale Distance 4 miles Direction from gauge

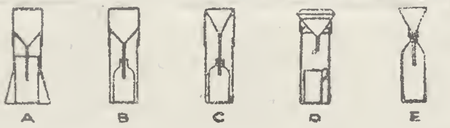
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan est by [illegible] stns
[illegible]

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

M.O.

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3669

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Ruthwaite Lodge

In the County of Westmoreland

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft.* ... *in.*
- *Height of Ground above Sea Level* 1750 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.84				
FEB.	16.95				
MAR.	2.99				
APRIL	8.10				
MAY	·77				
JUNE	10.39				
JULY	4.34				
AUG.	5.17				
SEPT.	18.42				
OCT.	20.21				
NOV.	10.00				
DEC.	5.88				
TOTAL	108.06				

Signature J. Cauthwaite

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
The Gardens Patterdale Hall
Penrith Cumberland

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Penrith Distance 16 Miles Direction from gauge North

Nearest Parish Church at Patterdale Distance 4 Miles Direction from gauge West

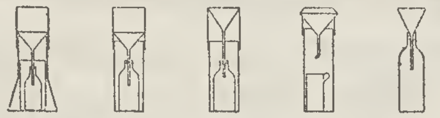
Nature of objects nearest to gauge	under	Helvellyn		
Height of objects		—		
Distances				
Directions from gauge				

If gauge has been moved during the year state— No

Date of move — Distance — Direction —

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
11 JAN 1936

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

C. Particulars of Station.

3669.

⁂ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Grisedale (Ruthwaite Lo.)

In the County of Westmorland

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 1 *ft.* ~~7~~ 6 *in.*
Height of Ground above Sea Level 1750 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.	10·60				
NOV.	10·76				
DEC.	20·35				
TOTAL	imp				

Signature ....

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer..........

Nearest Railway Station.................. Distance.......... Direction from gauge..........

Nearest Parish Church at.................. Distance.......... Direction from gauge..........

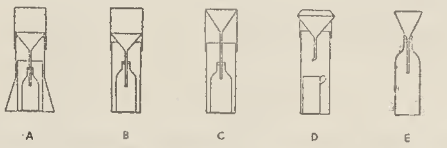
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

Oct - Dec - only readings taken at Ruthwaite Lo. during 1936. See Enc 127A in f. 662692/26.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Ruthwaite Lodge

In the County of Westmorland

Rain Gauge

Diameter of Funnel 7 in.

Height of Top above Ground 1 *ft.* 6 *in.*

Height of Ground above Sea Level c. 1750 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.	10·60				
NOV.	10·76				
DEC.	20·35				
TOTAL					

Signature Cordelia Marshall

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

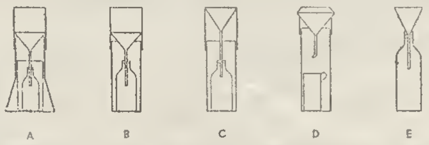
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

FORM 1090. **B**

3669/5

3669/5

WHELTER

1937 — 40

780704

R.O.

. The following register of m
&c., is NOT required if d
values are given on the o

n and also the space for

s register should be sent:—

RAINFALL IN 1

At Whelter

In the County of W

.....in Summer

Direction from
e..... gauge.....

Direction from
ce..... gauge.....

Rain Gauge
- Diameter of Funnel 5
- *Height of Top above Ground* 1
- *Height of Ground above Sea Level*

Month	Total Depth	Greatest Fal in 24 hours		*	*
	Inches	Inches	Date		
JAN.	11·33				
FEB.	10·97				
MAR.	3·91				
APRIL	5·63				
MAY	3·38				
JUNE	3·22				
JULY	3·88				
AUG.	3·63				
SEPT.	8·12				
OCT.	5·48				
NOV.	2·06				
DEC.	5·69	✓			
TOTAL	67·30 ✓	✓			

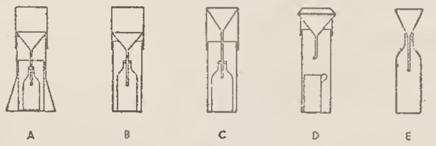
Directions from gauge ...

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature

Turf Wall

* See Instruction 3 *(f)* below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

3669/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Whelter

In the County of Westmoreland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 908 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	11·33				
FEB.	10·97				
MAR.	3·91				
APRIL	5·63				
MAY	3·38				
JUNE	3·22				
JULY	3·88				
AUG.	3·63				
SEPT.	8·12				
OCT.	5·48				
NOV.	2·06				
DEC.	5·69	✓			
TOTAL	67·30 ✓	✓			

Signature ....

Turf Wall

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer..................

Nearest Railway Station.................... Distance............ Direction from gauge............

Nearest Parish Church at.................... Distance............ Direction from gauge............

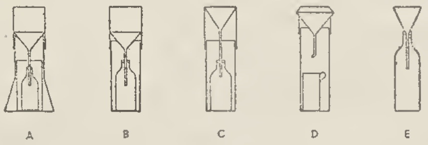
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................... Distance............ Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 : this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

3669/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

Mardale

At (Whelter.) ....

In the County of Westmorland

Rain Gauge
Diameter of Funnel........................in.
Height of Top above Ground.........ft.............in.
Height of Ground above Sea Level.................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	16·17				
FEB.	5·65				
MAR.	7·79				
APRIL	·73				
MAY	6·18				
JUNE	12·82	X			
JULY	12·03				
AUG.	5·06				
SEPT.	4·67				
OCT.	21·84				
NOV.	16·08				
DEC.	7·22				
TOTAL	116·24 ✓				

Signature ....

*See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter........................in Summer..................

Nearest Railway Station.............................. Distance.................. Direction from gauge.............

Nearest Parish Church at.............................. Distance.................. Direction from gauge............

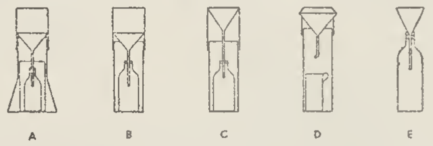
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3669/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Mardale (Whelter)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel......................in.
- *Height of Top above Ground.........ft..............in.*
- *Height of Ground above Sea Level...............ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	16.16				
FEB.	11.77				
MAR.	8.48				
APRIL	3.88				
MAY	1.38				
JUNE	7.04				
JULY	12.35				
AUG.	3.97				
SEPT.	3.38				
OCT.	4.77				
NOV.	16.22				
DEC.	4.82				
TOTAL	94.22				

Signature Per Manchester W.W.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer..................

Nearest Railway Station.................................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................................. Distance.................. Direction from gauge..................

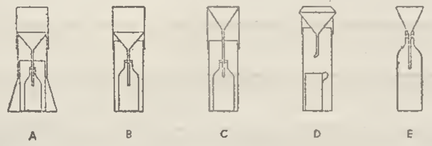
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

3669/5

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Mardale (Shelter)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 908 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.02				
FEB.	3.11				
MAR.	10.77				
APRIL	3.51				
MAY	1.57				
JUNE	1.24				
JULY	7.71				
AUG.	3.06				
SEPT.	6.34				
OCT.	10.33 12.92				
NOV.	13.36				
DEC.	9.47				
TOTAL	76.08				

Signature per Manchester W.W

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

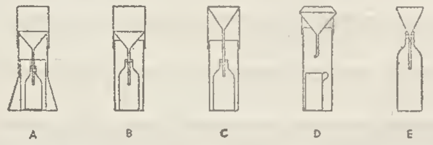
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3670

FORM 1090. **B** Mon
Sun

3670

MARDALE, LOW RAISE.

1931 —— 40

780704

, The following register of monthl
&c., is NOT required if daily or
values are given on the other sid

d also the space for

ster should be sent:—

RAINFALL IN 1931

At Low Raise, Mard

In the County of Westmor

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 2

in Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu Da ·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.90				
FEB.	6.40				
MAR.	1.55				
APRIL	3.66				
MAY	6.65				
JUNE	10.45				
JULY	7.32				
AUG.	7.27				
SEPT.	5.20				
OCT.	7.65				
NOV.	21.30				
DEC.	9.90				
Total	94.25				

Signature

Distances ..

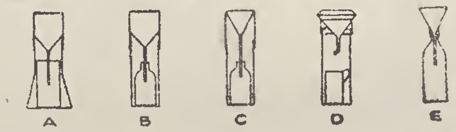
Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

---

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3670

FORM 1090.

B Mo
Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Low Raise, Mardale
In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 2,465 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.90				
FEB.	6.40				
MAR.	1.55				
APRIL	3.66				
MAY	6.65				
JUNE	10.45				
JULY	7.32				
AUG.	7.27				
SEPT.	5.20				
OCT.	7.65				
NOV.	21.30				
DEC.	9.90				
Total	94.25				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

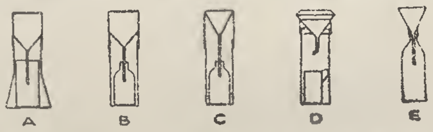
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "**tr**" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r|}17\\18\end{array}\right\}\cdot14\,\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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FORM 1090. **B** Monthly Summary.

3670

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

Haweswater

RAINFALL IN 1932

At Low Raise Mardale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground* .... *ft.* .... *in.*
- *Height of Ground above Sea Level* 2,465 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	15·75				
FEB.	·78				
MAR.	6·12				
APRIL	9·47				
MAY	5·55				
JUNE	5·70				
JULY	9·80				
AUG.	2·35				
SEPT.	9·50				
OCT.	20·00				
NOV.	6·17				
DEC.	14·30				
Total	105·49				

Signature Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O,

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Mardale, Low Raise

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 2465 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	13·55				
FEB.	7·75				
MAR.	5·82				
APRIL	3·72				
MAY	3·98				
JUNE	2·97				
JULY	7·26				
AUG.	6·25				
SEPT.	3·54				
OCT.	8·40				
NOV.	4·90				
DEC.	·67				
Total	68·81				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

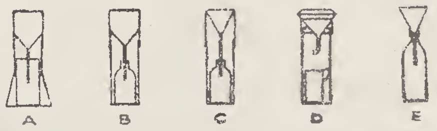
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Low Raise Mardale

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 2465 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	15·43				
FEB.	·59				
MAR.	6·81				
APRIL	7·46				
MAY	8·25				
JUNE	4·24				
JULY	2·96				
AUG.	9·54				
SEPT.	13·85				
OCT.	18·00				
NOV.	2·39				
DEC.	14·79				
Total	104·34 ✓				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

3640.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet

D INSTRUCTIONS.

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2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3670

Form 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Low Raise Mardale

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 2465 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·20				
FEB.	12·78				
MAR.	2·63				
APRIL	6·21				
MAY	·65				
JUNE	8·65				
JULY	3·86				
AUG.	3·60				
SEPT.	13·70				
OCT.	16·46				
NOV.	9·55				
DEC.	5·40				
TOTAL	87·78				

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

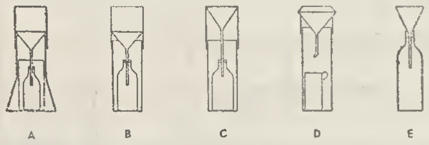
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
  9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3670.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Low Raise) Mardale.

In the County of ~~Cheshire~~ Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 2465 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	13.25				
FEB.	5.04				
MAR.	6.25				
APRIL	2.89				
MAY	2.23				
JUNE	5.90				
JULY	8.95				
AUG.	3.80				
SEPT.	10.57				
OCT.	6.56				
NOV.	8.25				
DEC.	18.50				
TOTAL	92.19				

Signature Manchester Corpn. W. W.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

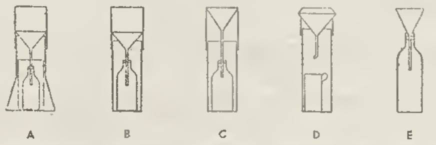
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3670

FORM 1090.

B Monthly Summary.

C Particulars of Station.

Copy by B.R.O.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.*

RAINFALL IN 1937

At Low Raise Mardale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel..........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level..................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	13·77				
FEB.	14·60				
MAR.	4·00				
APRIL	7·54				
MAY	3·13				
JUNE	2·77				
JULY	4·50				
AUG.	3·80				
SEPT.	8·30				
OCT.	3·90				
NOV.	1·30				
DEC.	4·05 ✓				
TOTAL	71·66 ✓				

Signature ....

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer......................

Nearest Railway Station.............................. Distance.............. Direction from gauge..............

Nearest Parish Church at.............................. Distance.............. Direction from gauge..............

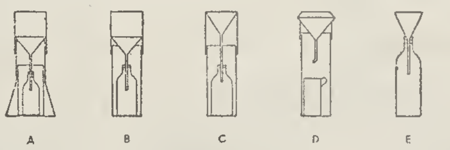
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3670

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Low Raise Mardale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 2465 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	12·40				
FEB.	4·65				
MAR.	7·65				
APRIL	·50				
MAY	6·10				
JUNE	13·20	X			
JULY	9·75				
AUG.	4·12				
SEPT.	6·20				
OCT.	21·18				
NOV.	12·10				
DEC.	7·22				
TOTAL	105·07				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

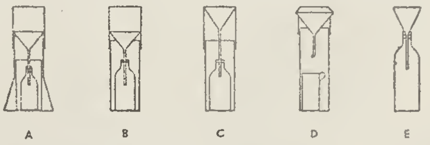
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3670

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Low Raise Mardale

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 2465 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	12·90				
FEB.	10·15				
MAR.	5·63				
APRIL	4·58				
MAY	1·34				
JUNE	7·30				
JULY	10·55				
AUG.	3·89				
SEPT.	3·40				
OCT.	5·50				
NOV.	10·40				
DEC.	3·54				
TOTAL	79·18	✓			

Signature Per Manchester W.W.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter............in Summer............

Nearest Railway Station............ Distance............ Direction from gauge............

Nearest Parish Church at............ Distance............ Direction from gauge............

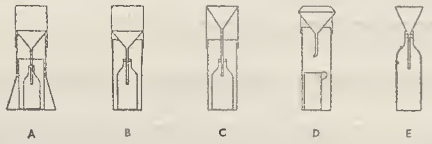
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

Form 1090.

B Monthly Summary.

C Particulars of Station.

3670✓

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Low Raise (Mardale)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 2465 *ft*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
Jan.	2.38				
Feb.	2.45				
Mar.	9.28				
April	2.65				
May	2.55				
June	1.33				
July	8.94				
Aug.	2.51				
Sept.	7.52				
Oct.	12.78				
Nov.	9.50				
Dec.	7.50				
Total	69.39	✓			

Signature per Manchester WW

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................. Distance................. Direction from gauge.................

Nearest Parish Church at................. Distance................. Direction from gauge.................

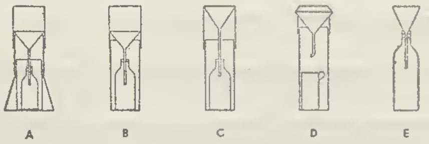
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move................. Distance................. Direction.................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3671

3671

GILL, RALFLAND THORNSHIP

1931 — 40

780704

FORM 1090. **B** Mont
Sum

*** The following register of monthly
&c., is NOT required if daily or
values are given on the other side

also the space for

er should be sent:—

RAINFALL IN 1931

At Ralfland Thornship

In the County of Westmorl

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 8 *ft.*

Summer
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	4·01				
FEB.	4·05				
MAR.	1·00				
APRIL	2·95				
MAY	3·73				
JUNE	5·99				
JULY	5·09				
AUG.	4·50				
SEPT.	2·60				
OCT.	3·82				
NOV.	12·98				
DEC.	4·27				
Total	54·99				

Signature

*See Instruction 2 (*f*) below.

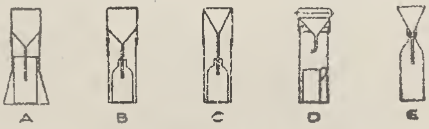
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Mont
Summary.

367

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Ralfland Thornship Gill

In the County of Westmorland.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* – *in.*
- *Height of Ground above Sea Level* 865 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	4·01				
FEB.	4·05				
MAR.	1.00				
APRIL	2.95				
MAY	3.73				
JUNE	5.99				
JULY	5·09				
AUG.	4·50				
SEPT.	2.60				
OCT.	3.82				
NOV.	12.98				
DEC.	4·27				
Total	54·99				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

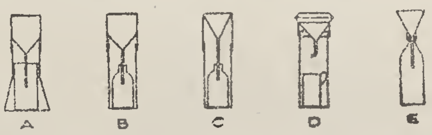
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3671

FORM 1090. **B** Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Haweswater

RAINFALL IN 1932

At Ralfland Thornship Gill

In the County of Westmorland

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *ft.* .... *in.*

Height of Ground above Sea Level 865 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	12.40				
FEB.	.09				
MAR.	4.66				
APRIL	5.54				
MAY	4.67				
JUNE	3.26				
JULY	6.82				
AUG.	1.46				
SEPT.	5.17				
OCT.	10.07				
NOV.	5.08				
DEC.	11.38				
Total	70.60				

Signature Manchester Corp t, W.W

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

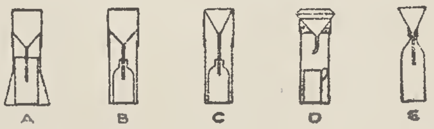
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3671

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Shap Thornship Gill

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 865 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	8.72				
FEB.	5.38				
MAR.	4.74				
APRIL	1.78				
MAY	3.29				
JUNE	2.26				
JULY	4.48				
AUG.	2.38				
SEPT.	2.12				
OCT.	6.41				
NOV.	2.44				
DEC.	.93				
Total	44.93				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces".* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

FORM 1090. **B** Monthly Summary.

C Particulars of Station.

3641

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Ralfland Thornship Gill

In the County of Westmorland

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft* 0 *in.*

Height of Ground above Sea Level 865 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	12·04				
FEB.	·35				
MAR.	4·50				
APRIL	5·01				
MAY	4·63				
JUNE	2·35				
JULY	2·20				
AUG.	4·88				
SEPT.	7·42				
OCT.	10·42				
NOV.	1·04				
DEC.	11·94				
Total	66·84				

Signature

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copied from Manchester Corpn. Sheet.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3671

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Ralfland Thornship Gill

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 844 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·27				
FEB.	9·80				
MAR.	1·95				
APRIL	5·02				
MAY	·62				
JUNE	5·69				
JULY	1·84				
AUG.	3·21				
SEPT.	11·01				
OCT.	9·87				
NOV.	7·07				
DEC.	3·47				
TOTAL	61·82				

Signature Copied from Manchester Corpn. returns.

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.......... Direction from gauge..........

Nearest Parish Church at.................. Distance.......... Direction from gauge..........

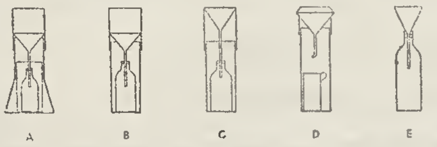
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3671.

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At ~~Ralfland~~ Shap (Thornship Gill)

In the County of ~~Cheshire~~ Westmorland.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 865 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·52				
FEB.	3·21				
MAR.	3·71				
APRIL	1·29				
MAY	1·44				
JUNE	3·89				
JULY	6·63				
AUG.	2·42				
SEPT.	7·47				
OCT.	5·46				
NOV.	6·42				
DEC.	11·32				
TOTAL	62·78				

Signature Manchester Corpn. W.W.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

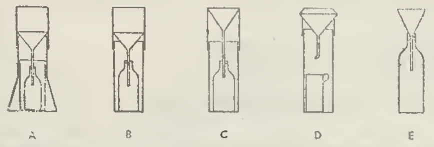
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* *9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3671

FORM 1090. **B** Monthly Summary.

C Particulars of Station.

Copy by B.R.O.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Ralfland Thornship Gill

In the County of Westmorland

Rain Gauge
- Diameter of Funnel......................in.
- *Height of Top above Ground.........ft............in.*
- *Height of Ground above Sea Level................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·98				
FEB.	7·31				
MAR.	2·07				
APRIL	3·60				
MAY	3·03				
JUNE	1·96				
JULY	2·39				
AUG.	2·50				
SEPT.	4·41				
OCT.	3·41				
NOV.	1·49				
DEC.	4·23	✓			
TOTAL	44·38 ✓	✓			

Signature ....

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter........................in Summer......................

Nearest Railway Station.............................. Distance................ Direction from gauge...........

Nearest Parish Church at.............................. Distance................ Direction from gauge...........

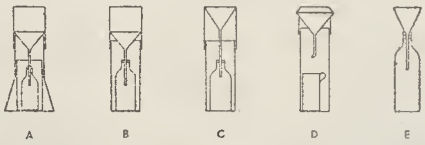
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3671

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is **NOT** required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Ralfland Thornship Gill

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* *in.*
- *Height of Ground above Sea Level* 844 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·39				
FEB.	3·05				
MAR.	4·34				
APRIL	·41				
MAY	4·91				
JUNE	8·57	X			
JULY	6·84				
AUG.	3·21				
SEPT.	2·91				
OCT.	15·43				
NOV.	11·18				
DEC.	6·49				
TOTAL	77·73	✓			

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Copy by B.R.O.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

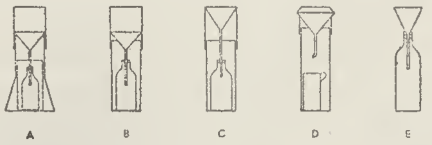
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3671

B Monthly Summary,

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Ralfland Thornship Gill

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 844 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·41				
FEB.	8·17				
MAR.	5·01				
APRIL	1·73				
MAY	1·06				
JUNE	4·87				
JULY	8·54				
AUG.	3·73				
SEPT.	2·30				
OCT.	2.74				
NOV.	11·07				
DEC.	3.62				
TOTAL	63.25				

Signature Per Manchester W. W.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.......... in Summer..........

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

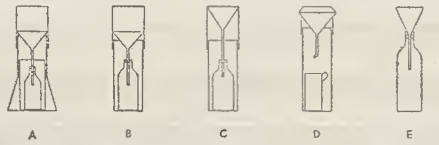
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

C Particulars of Station.

367/1 ✓

₊ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At ~~Ralfland~~ Shap (Thornship Gill)

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 844 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	1·96				
FEB.	2·02				
MAR.	6·60				
APRIL	2·38				
MAY	1·99				
JUNE	1·07				
JULY	4·68				
AUG.	1·37				
SEPT.	4·71				
OCT.	8·68				
NOV.	8·86				
DEC.	5·99				
TOTAL	50·31				

Signature per Manchester W.W

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

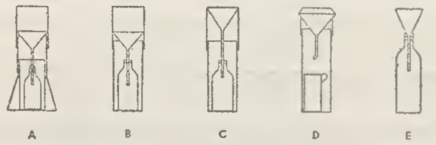
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Copy by B.R.O.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 : this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090. **B**

3671/7

GUERNESS

1937 — 40

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3671/7

B.R.O.

*** The following register of m
&c., is NOT required if da
values are given on the ot

n and also the space for

; register should be sent :—

RAINFALL IN 1

At Guerness

In the County of Westm

Rain Gauge
Diameter of Funnel.........
Height of Top above Ground......
Height of Ground above Sea Level.

,....in Summer....................
Direction from
.................gauge............
Direction from
e.................gauge...........

Directions from gauge ...

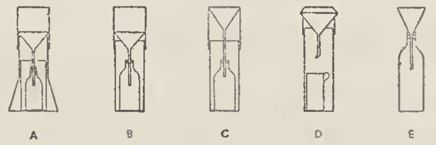
Month	Total Depth	Greatest Fall in 24 hours			
	Inches	Inches	Date		
JAN.	12·06				
FEB.	9·60				
MAR.	4·00				
APRIL	5·10				
MAY	3·88				
JUNE	2·81				
JULY	3·46				
AUG.	3·52			9	9
SEPT.	7·40			18	14
OCT.	5·38			14	12
NOV.	2·52			9	7
DEC.	6·59			16	16
TOTAL	66·32 ✓	✓			

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature ....

Turf Wall

* See Instruction 3 *(f)* below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3671/7

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Guerness

In the County of Westmorland

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 ft. ... in.
- *Height of Ground above Sea Level* 905 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	12·06				
FEB.	9·60				
MAR.	4·00				
APRIL	5·10				
MAY	3·88				
JUNE	2·81				
JULY	3·46				
AUG.	3·52			9	9
SEPT.	7·40			18	14
OCT.	5·38			14	12
NOV.	2·52			9	7
DEC.	6·59			16	16
TOTAL	66·32 ✓	✓			

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................... Distance.............. Direction from gauge..............

Nearest Parish Church at.................... Distance.............. Direction from gauge..............

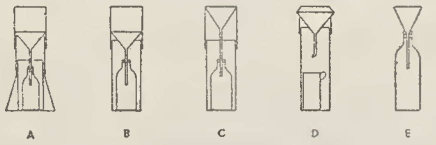
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Turf Wall

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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N

3671/7

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

Mardale

RAINFALL IN 1938

At (Guerness)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel.........................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level...............ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	14·69			25	23
FEB.	4·88			15	13
MAR.	6·29			14	14
APRIL	·55			4	3
MAY	6·98			17	16
JUNE	12·57			20	17
JULY	11·39			21	19
AUG.	4·85			17	13
SEPT.	4·65			15	11
OCT.	22·90			25	25
NOV.	16·94			26	23
DEC.	9·15			–	–
TOTAL	115·84 ✓				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Copy by B.R.O.

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.............................. Distance.................Direction from gauge.............

Nearest Parish Church at.............................. Distance.................Direction from gauge.............

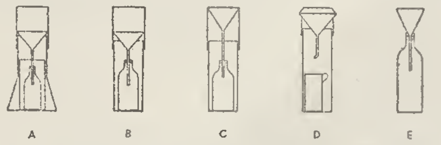
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3671/7

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Mardale (Gherness)

In the County of Westmorland

Rain Gauge
- Diameter of Funnel……………in.
- *Height of Top above Ground……ft.……in.*
- *Height of Ground above Sea Level……ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	15.89				
FEB.	14.54				
MAR.	6.46				
APRIL	2.93				
MAY	1.22				
JUNE	5.39				
JULY	10.71				
AUG.	3.42				
SEPT.	2.85				
OCT.	4.47				
NOV.	16.06				
DEC.	4.94				
TOTAL	88.88				

Signature Per Manchester W.W.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Copy by B.R.O.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

……………………………………

……………………………………

Hour of observation by the clock—in Winter……………in Summer……………

Nearest Railway Station……………Distance……………Direction from gauge……………

Nearest Parish Church at……………Distance……………Direction from gauge……………

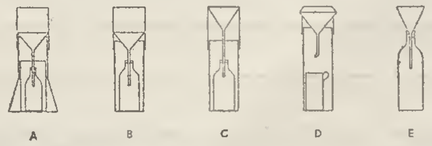
Nature of objects nearest to gauge				
Height of objects				
Distances …				
Directions from gauge …				

If gauge has been moved during the year state—

Date of move……………Distance……………Direction……………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

……………………………………

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

C Particulars of Station.

3671/7.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At MARDALE (Guerness)

In the County of Westmorland

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 905 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.06			–	–
FEB.	3.15			–	–
MAR.	9.31			21	20
APRIL	3.46			16	13
MAY	1.58			9	9
JUNE	1.16			4	4
JULY	7.78			23	22
AUG.	2.53			–	–
SEPT.	6.73			–	–
OCT.	13.45			12	12
NOV.	9.47			–	–
DEC.	7.69			20	18
TOTAL	69.37			--	--

Signature per Manchester W. W

Copy by B.R.O.

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

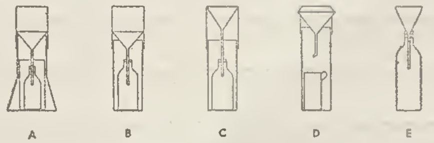
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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